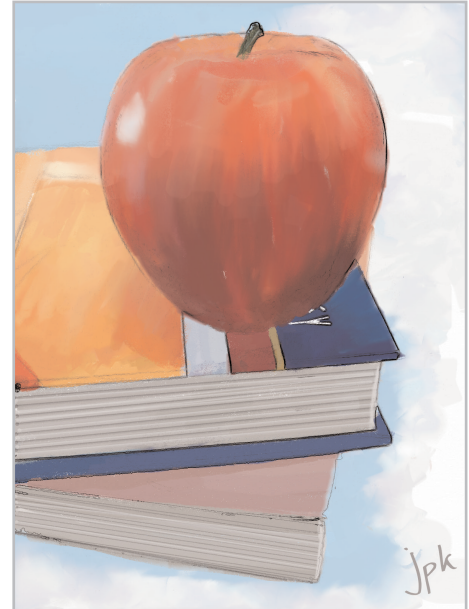


Trace Images with Art Media Tools

With Paint Shop Pro 9 you can paint with a brush, sketch with a pencil or chalk, create pastel portraits, use markers to digitally ink cartoons, create impasto effects, even create the nostalgic look of a child's wax crayons – (But you'll never have to worry that the green crayon rolled under the desk or your little brother broke the point off the red one!) At this point, about half of you are excited and ready to dive in, and the other half are saying, "I'm not an artist! I can't do that stuff!"

If you spend a little time with J.P Kabala learning about some of the special features of Art Media, everyone CAN and WILL create some really wonderful images, even if you've never painted or drawn before.



What you'll need:

- Jasc® Paint Shop™ Pro® 9
- Art Media Toolkit Toolbar created in the tutorial
Create an Art Media Toolbar
- Sample image AMtrace-source.tif

When you complete this tutorial, you'll be able to:

- Trace an image
- Fill in and blend colors
- Merge layers

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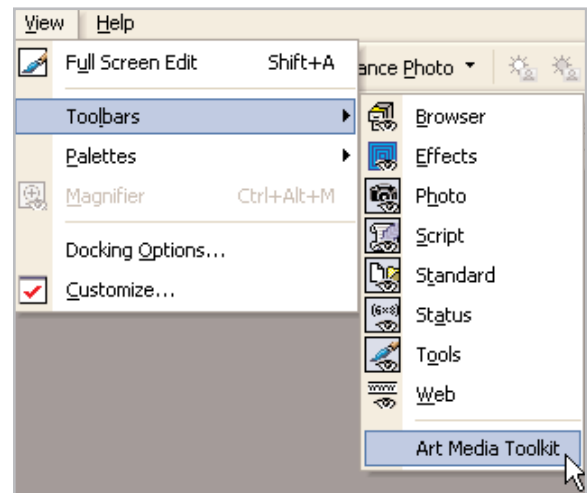
Open the Source Image

For this project I picked a simple still life with both rounded and rectangular shapes that I found at the StockXchange Web site. This is an excellent source of free, high quality practice images that clearly and unequivocally outlines the creators' usage terms. In this case, the photographer said "No usage restrictions" so we are free to base our project on his wonderful classic still life without any concerns about copyright infringement.

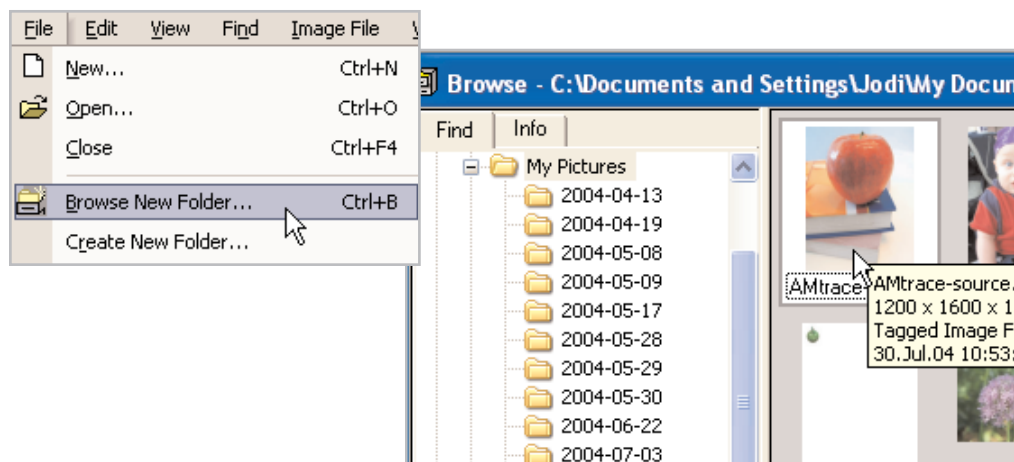
1. Choose **Start > Programs > Jasc Software > Jasc Paint Shop Pro 9** or double click the Paint Shop Pro 9 icon on your desktop to open Paint Shop Pro 9.



2. Before you get started, be sure to load the Art Media Kit Toolbar you created in the tutorial *Create an Art Media Toolbar*. Choose **View > Toolbars > Art Media Toolkit**.

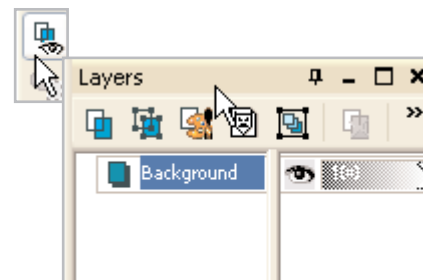


3. Choose **File > Browse**, to open the Paint Shop Pro Browser. Use the Browser to navigate to your desktop, or the folder where you stored the sample image. Once you locate the AMtrace-source.tif, double-click it to open in Paint Shop Pro.

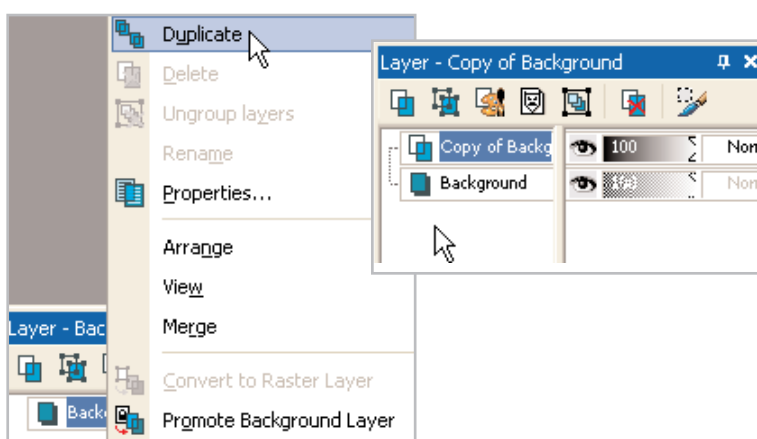


Create a Sketch Layer

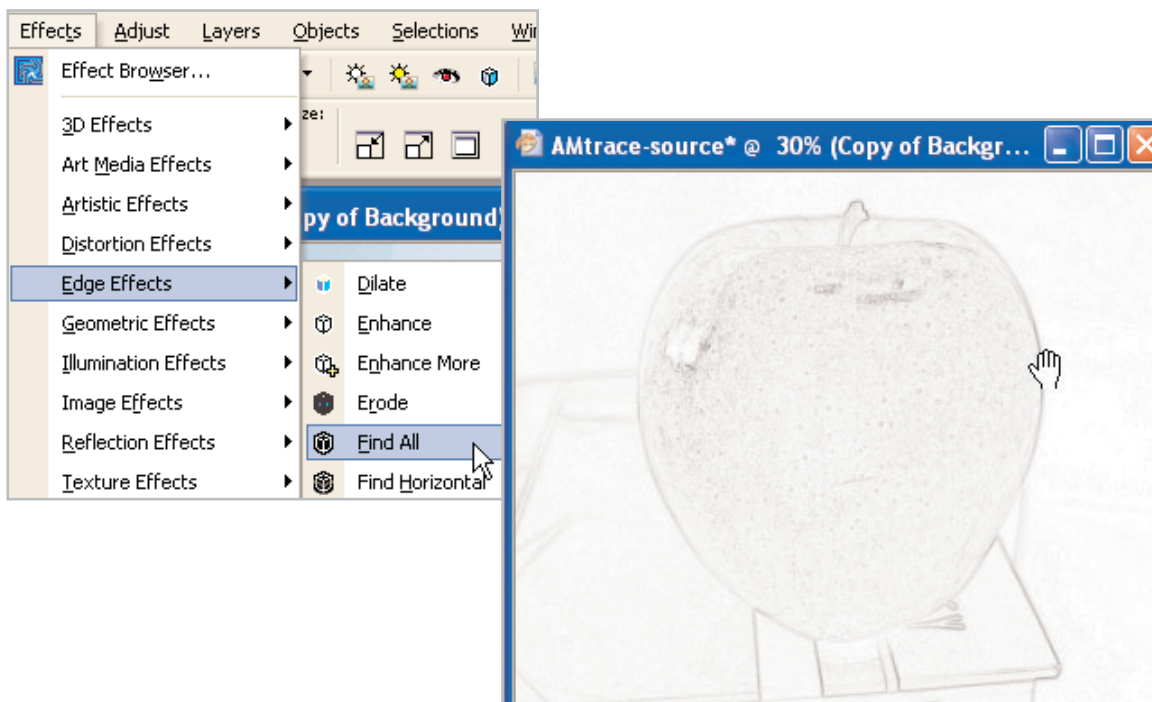
4. If you were going to create a pastel of this scene in a traditional manner, your first step would be to make a rough sketch of the composition. To start, make your Layer Palette visible by clicking the icon on your Toolkit toolbar.



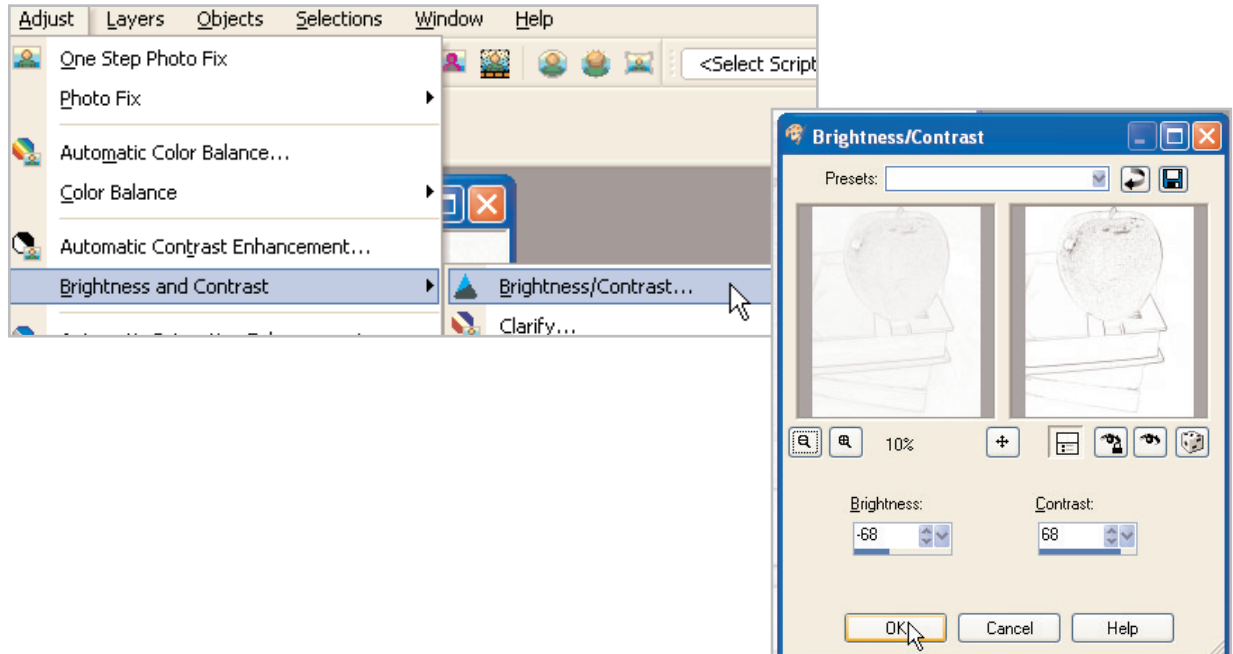
5. In the Layers Palette, right-click the **Background** layer and choose **Duplicate**. Paint Shop Pro will create a new layer called Copy of Background.



6. Make sure Copy of Background is highlighted in the Layer Palette, then choose **Effects > Edge Effects > Find All**. Paint Shop Pro will create a gray and white sketch of the image.

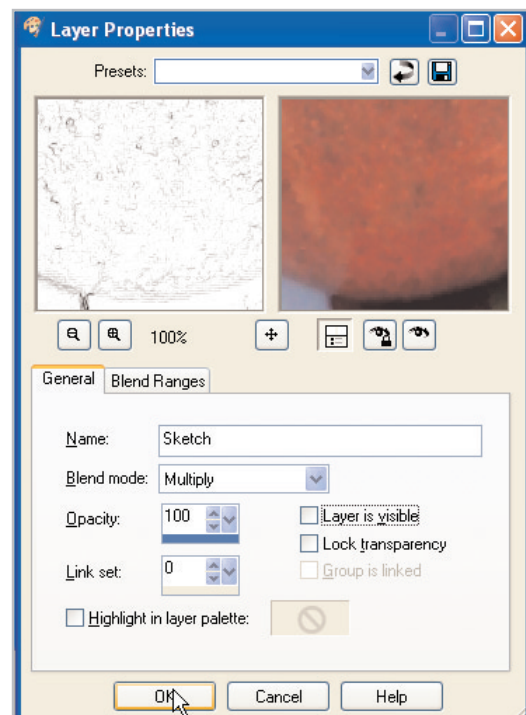


7. Darken the lines to make them more visible. Choose **Adjust > Brightness and Contrast > Brightness/Contrast**. Set the Brightness to **-68** (negative 68) and the Contrast to **68** (positive 68) and click **OK**. Instant Sketch!



8. Double click the **Copy of Background** layer in the Layer Palette. In the Layer Properties dialog:
- Change the Name to **Sketch**
 - Change the Blend mode to **Multiply**
 - Clear the mark beside Layer is visible
 - Click **OK**

When you click **OK**, the layer will become invisible. That is as it should be. We'll be using it a little later, but we don't need it right now.

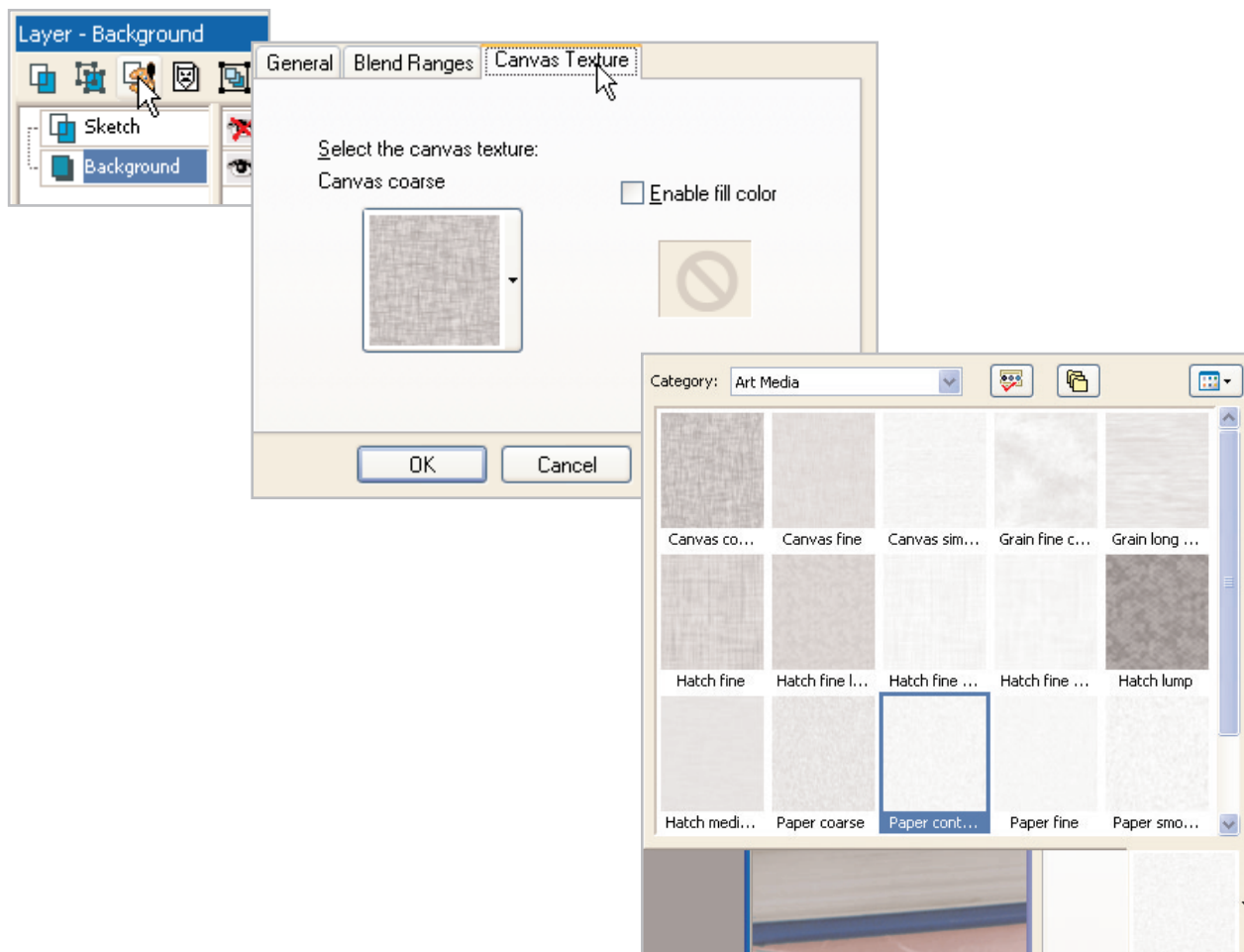


Blocking in the Apple Shape

9. Click the **Background Layer** to activate it, and then click the **New Art Media Layer** icon on the Layer palette. In the New Art Media dialog:

- In the Name field enter **Apple**
- Click the **Canvas Texture** tab. Click the down-arrow to the right of the canvas texture switch to reveal a menu of possible textures. Choose **Paper Contrast** from the list and click **OK**.

Paint Shop Pro will create a transparent new layer and name it Apple.



10. Select **Pastel** from the Art Media Toolkit. When the Tool Options Palette changes to the parameters for this tool, make adjustments for the settings to your liking (for this exercise I used the **Round Shape**, Size **50**, Tracing turned **ON**, Track Path selected). Be sure to mark the box that reads **Trace**.



Tracing the Apple

There are many different approaches to using the Art Media Trace feature. Some people advocate many, many tiny strokes. I'm going to teach you a process that produces very nice results with less time and a little more room for creative expression.

11. Use overlapping downward vertical strokes following the shape of the fruit. Don't worry too much about the color just yet. In this first pass, we are mostly establishing the rough shape of the object.



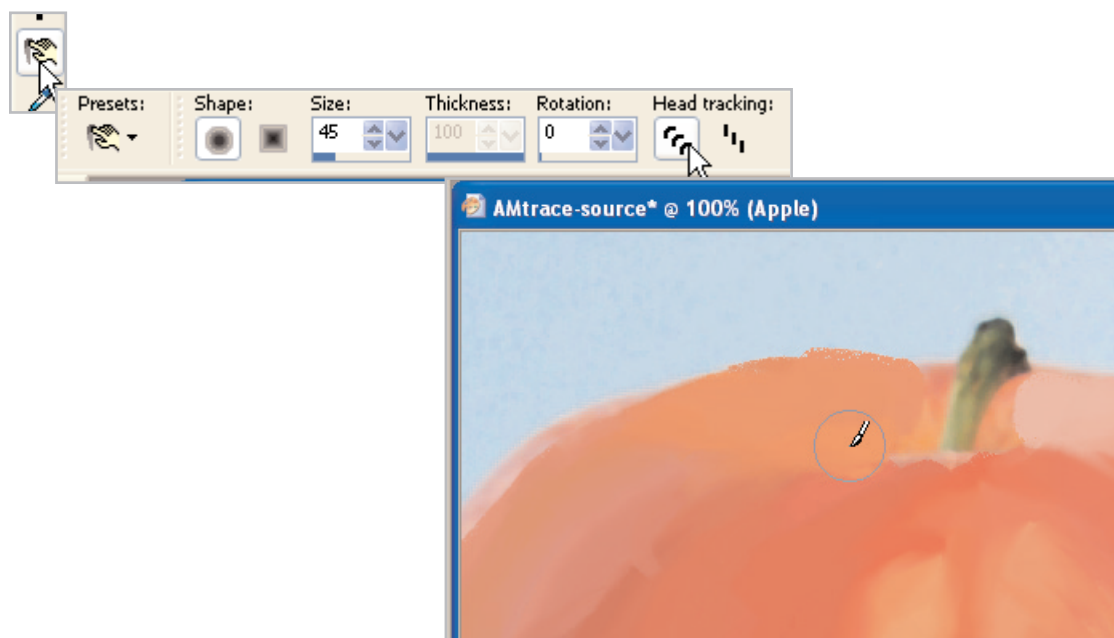
12. Move to the bottom of the apple and repeat the process. Cover the bottom third of the apple with upward curved vertical strokes, still using the mouse.



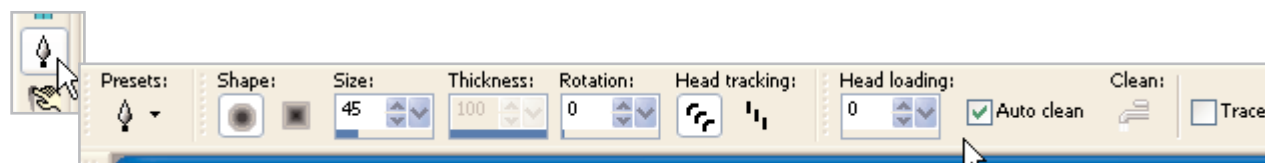
13. When you have covered the bottom third, make a third series of strokes overlapping the first series and the second, as shown. Did some odd colors appear on the left side of the apple? If they did, it is because of a fairly large reflection there. To minimize the effect of the gray or purplish streaks there, shorten your strokes in that area. Your image should now look a lot like the one here.



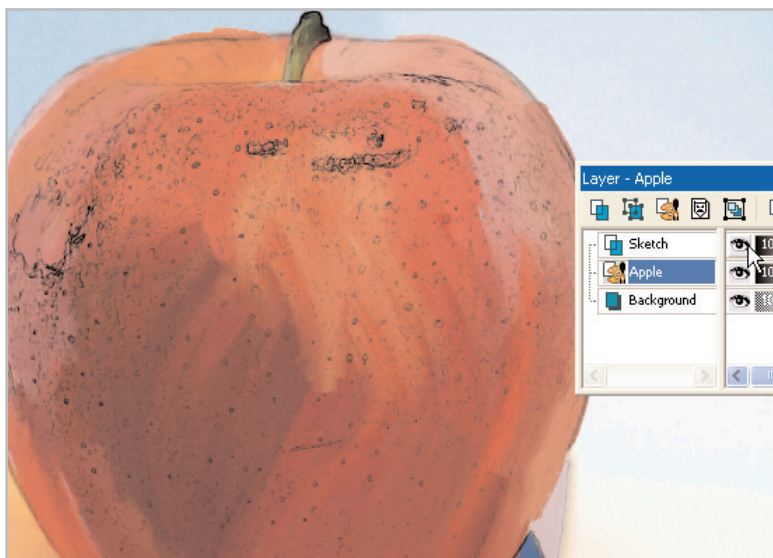
14. Now, select the **Smear** Tool. On the Tool Options palette, set the size around **45**, the shape to **round**, and the head tracking to **Track Path** (the icon with the three curved lines). Lightly drag the smear over your vertical lines to blend the colors together.



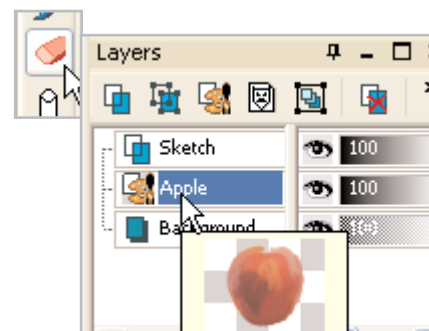
15. If there are spots where the Smear Tool does not seem strong enough to blend the colors, select the **Palette Knife**, head loading **0**, and size **40-45** with the Trace option **UNCHECKED** so that it isn't picking up new colors, just spreading the ones already there.



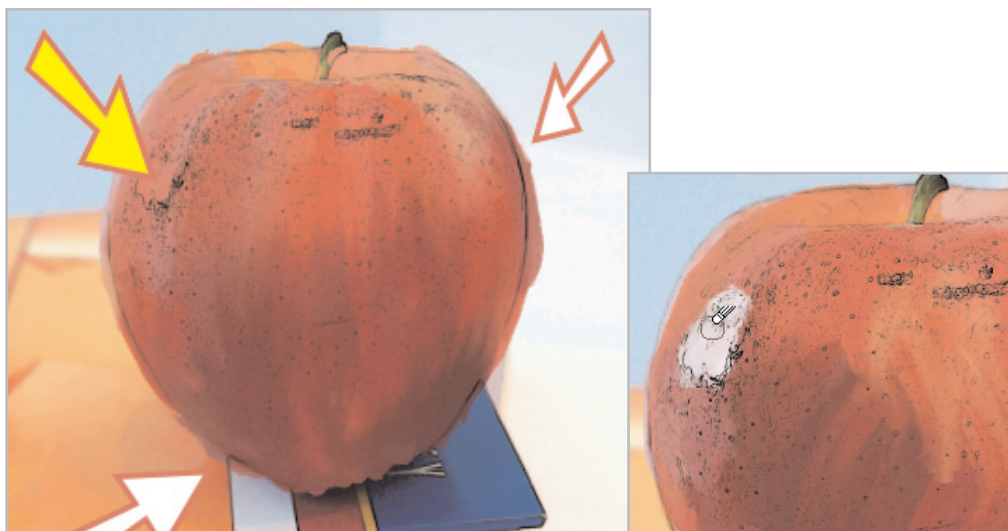
16. When it looks like your apple is nicely blended, go to the Layer Palette and turn on the visibility of the Sketch layer by clicking the **eye** icon.



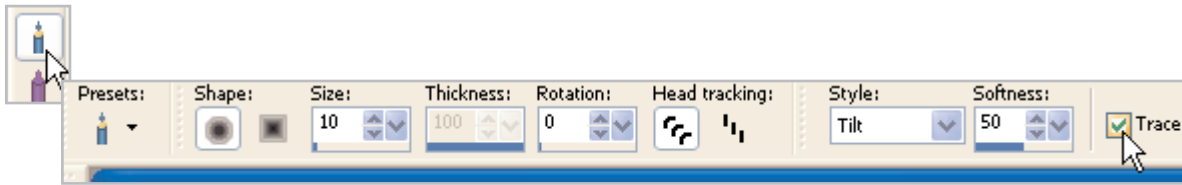
17. With your transparent Sketch layer visible, look for areas where your pastels go outside the lines of the sketch. Select the **Art Eraser** Tool to erase them, making sure that the **Apple** layer is the active layer.



18. Select the **Pastel** Tool and look for the spot where the highlight on the apple ought to be (yellow arrow). With Trace still active, paint a small spot over the layer at that point, then use the Smear Tool to blend it in.



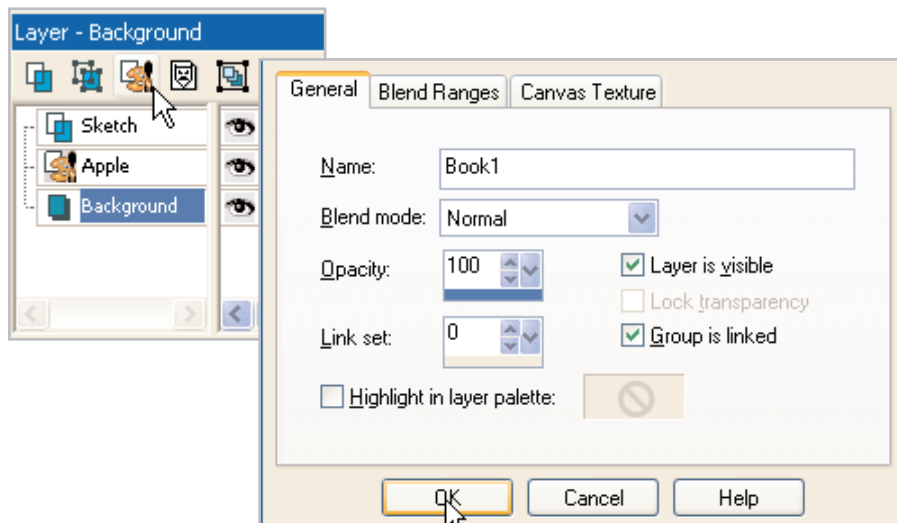
19. Now, select the **Colored Pencil** Tool. On the Tool Options palette, set the Size at **10**, Softness at **50**, Style to **Tilt**, and make sure that **Trace** is marked, and trace over the stem of the apple.



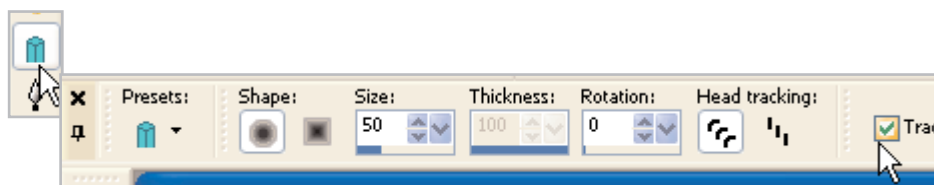
Adding the Multicolored Book

With Art Media Trace, it is easy to draw the foreground object first, and then add layers to create more depth.

20. On the Layers palette click the Background layer to activate it, and then click the **New Art Media Layer** icon. In the New Art Media Layer dialog enter **Book 1** in the Name field and then click **OK**.



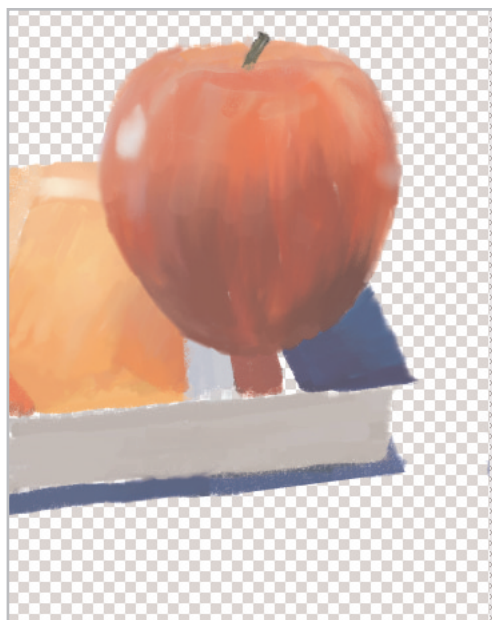
21. Select the **Pastel** Tool and use the same settings used in Step 10.



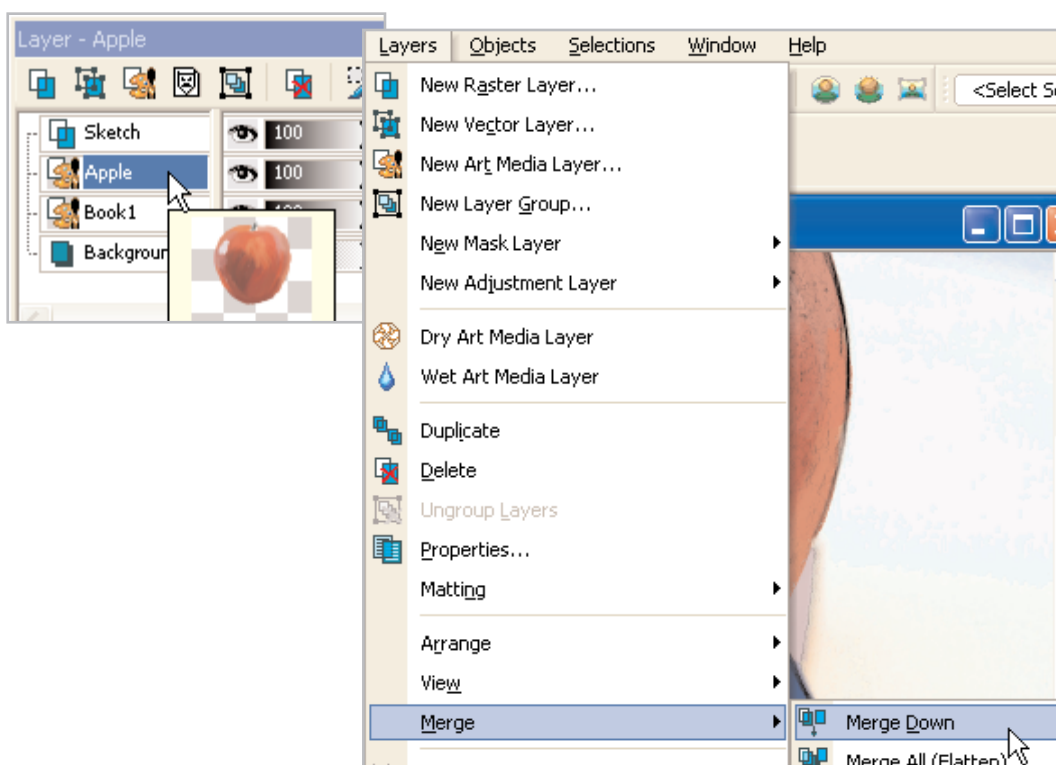
22. On the **Book 1** layer, continue tracing the image in much the same way we traced the apple — long, overlapping strokes of color. Follow the color tracing with blending using the Smear Tool like in Step 18.

Tip: If you are having difficulty keeping the lines straight in small areas or you are getting color in areas you do not want, remember that Art Media tools respect selections. You can use the Freehand Selection Tool (the lasso icon on the Tools toolbar) in point-to-point mode to define the area that you want to trace or smear, and Paint Shop Pro will keep the other areas from being changed.

23. At this point, if you turn off the Background and Sketch layers, your image should look something like the one shown here.

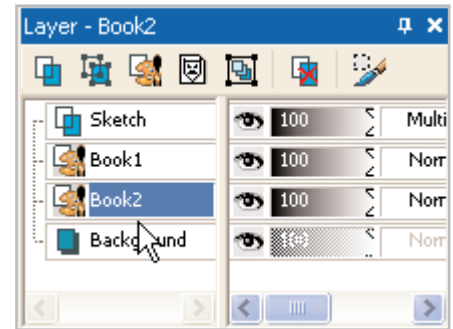


24. Select the **Apple** layer on the Layer Palette and choose **Layers > Merge > Merge Down**.



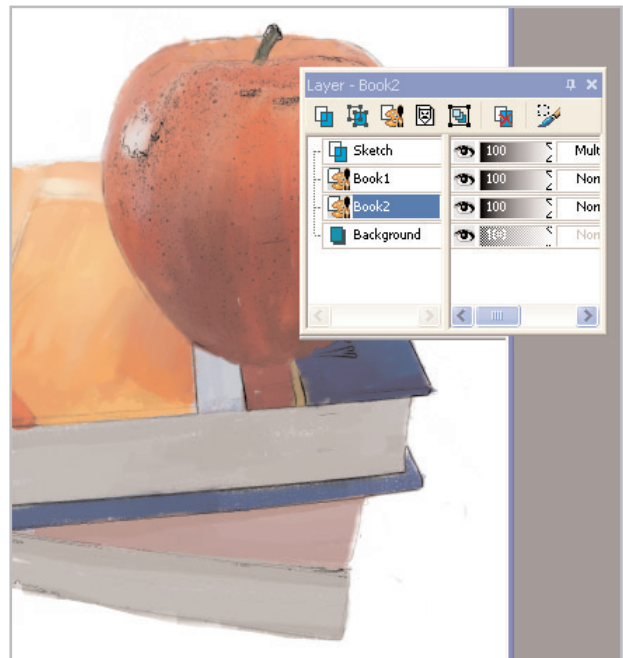
Filling in the Gaps & Adding the Multicolored Book

25. Remember that trace can only sample from a visible layer, so make sure your Background layer is active and add a new Art Media layer between the Background and the now merged Book1. Name this layer **Book2**.



26. Fill in any gaps and small detail areas like the fine stripes on the book cover.

27. When the gaps are filled in, go ahead and trace over the gray page edges and the pinkish book cover in the same manner that we've done for each of the other sections, checking for gaps in the color by turning off the visibility of the Background layer. When you finish this step, your image should look something like the one shown here, with the Sketch layer visible and the background turned off.

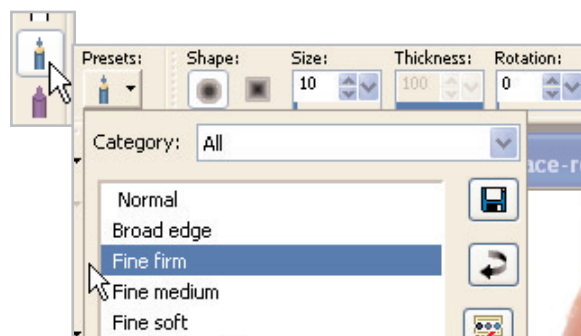


28. When you are satisfied with the look of Book1 and Book2, make Book1 the active layer and use Merge Down to combine them into one Art Media layer. This layer will now automatically be named Book2

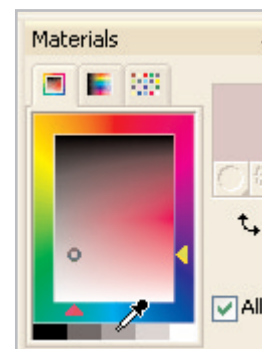
Adding Details

If you turn off the visibility of your sketch layer at this point, you will notice that a lot of the fine details (like the edges of the pages and the highlights and shadows along the edges of the book covers) are missing. We're going to draw in the page edges with an Art Media Colored Pencil, and add some depth to the shadows and highlights.

29. Choose the Colored Pencil from the custom toolbar. On the Tool Options palette, click the down-area next to Presets and choose **Fine Firm**.



30. On the Materials Palette, just below the color picker in either Rainbow or Frame tab view, there are five tiny color swatches. Click the **second** from the left (dark gray) to place that color in the foreground swatch.



Tip: Paint Shop Pro has a foolproof way to draw a perfectly straight line. Simply click with the tool at the point where you want the line to begin, press and hold the **Shift** key, and click again where you want the line to end and release the Shift key.

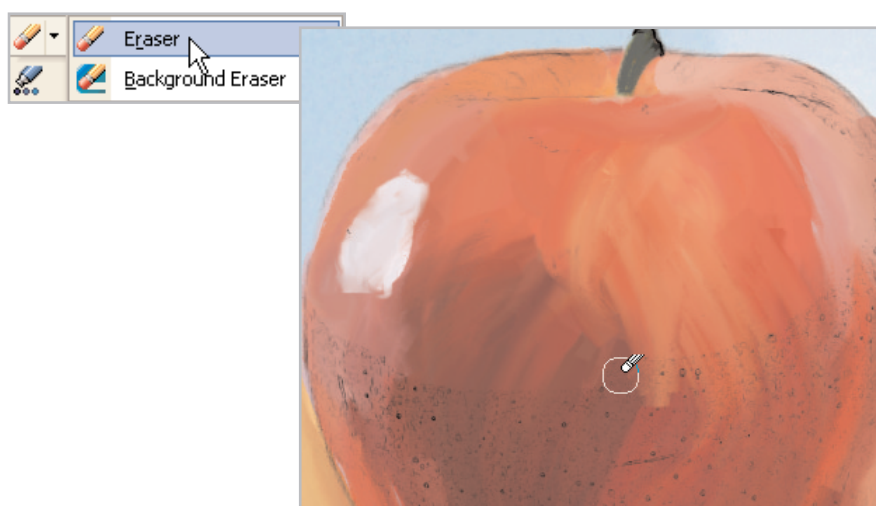
31. Using this method, draw several dark gray lines across the edges of the pages of the book. Change the foreground color to light gray and draw several lighter lines in between those.



32. Change the size setting to **5**, and repeat the same procedure along the edge of the pinkish book, then, with light gray still in the foreground swatch, freehand draw a vertical line along the corner of the page edges.

Tip: To zoom in and correct any errors choose the **Pastel** Tool but turn OFF the Trace function by clearing the box. With the Pastel Tool active, press and hold the **CTRL** key and the cursor temporarily turns in to the Eyedropper. Click a sample of the correct color with the Eyedropper and release the CTRL key. The color you chose is now in the foreground swatch and your Pastel Tool is active again. Color over any mistakes.

33. Zoom out so you can see the entire image. Make the Sketch layer active by clicking it. Select the regular **Eraser** from the Tools toolbar (the yellow pencil eraser, not the pink Art eraser) and erase the parts of the sketch over the apple.

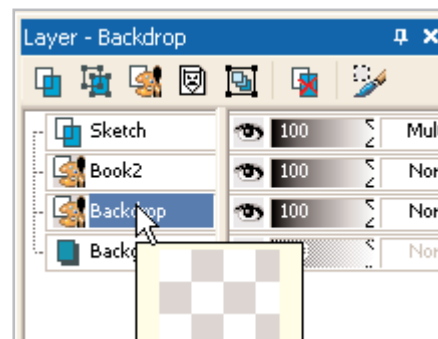


34. Don't merge the layers yet. We have another Art Media layer to create-- the backdrop.

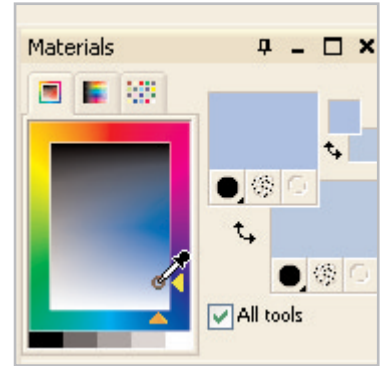
The Backdrop

This step is especially fun and takes only a few minutes!

35. Add another new Art Media layer between the Background and Book2. Name this layer **Backdrop**.



36. Choose a pale cyan color on the Materials Palette and place it in the foreground swatch. Select the **Pastel** Tool, and make sure that trace is turned off.



37. Turn off the visibility of the **Sketch** layer.
38. On the Tool Options palette, increase the size of the Pastel tool to about **125** and, on the new Backdrop layer, scribble some cyan around behind the books and apple. Being exact isn't important.
39. Change the foreground color to white. On the Backdrop layer, scribble with white in all the places you didn't scribble with cyan. Have fun. You can't mess this part up!
40. Select the **Smear** Tool. Increase the size to **150**. Soften the transitions where white meets cyan.
41. Turn the Sketch layer visibility back on, merge your layers, and admire your masterpiece — that's it! You're done, so sign your name.



Next Steps:

Now that you see how easy it is to use the Art Media tools to trace a photo, you can use this method to make your photos look like works of art!

