

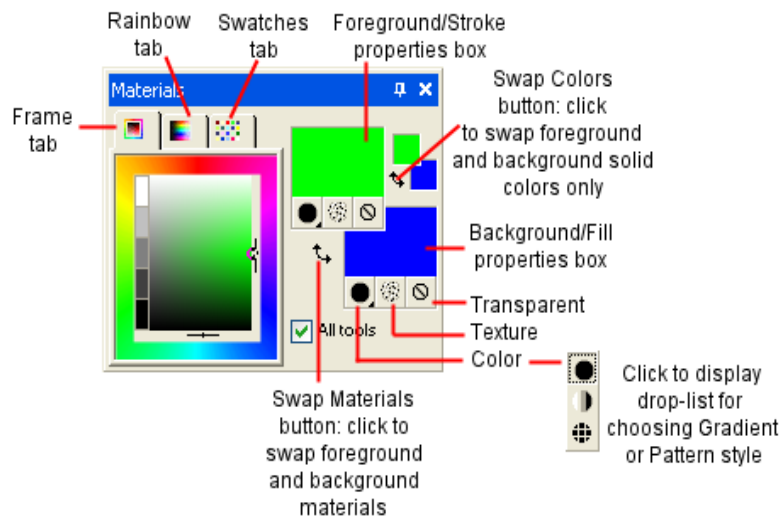






Balance with Lines

The ultimate object of this exercise is to create a well-balanced composition using three black vertical lines on a 4" wide x 5" high white field.

1. Open Paint Shop Pro
2. Select File New (the blank piece of paper on the top tool bar)
3. Change "image dimensions" from pixels to inches and set width to 4 and height to 5; set the resolution to 75 pixels per inch; set to raster background, background color to "transparent" and "Image Type" to "16.7 million colors 24 bit" (these are the defaults)
4. Click "OK."
5. Make sure the "Tool Options" palette is turned on – select pulldown menu "View" then "Palettes" then select the "Tool Options" item if it is not already selected. (or type function key F4)
6. On icon menu at the left side of the screen, select the "Pen" tool  (or type V).
7. In the tool options palette for the Pen,
 - a. Set the width to 5
 - b. Make sure that the "Draw Lines and Polylines" mode is selected 
 - c. Check the box that says "Create on Vector"
 - d. Set width to 5
8. Set color for lines:
 - a. From the Materials Palette,
 - b. Pick the black color for the foreground color – this will be the color of the line.



9. Draw one straight vertical line:
 - a. Hold shift key down to permit drawing an orthogonal downward direction
 - b. Hold left mouse button down and draw line from top to bottom.
 - c. Note that the program automatically created a new layer called "Vector1."

10. Create a new vector layer
 - a. On the Layer Palette, click on the “New Vector Layer” button 
 - b. The new layer will automatically be named “Vector 2.”
 - c. Click OK
11. In the line Tool Options Palette, change line width to 10
12. Draw another straight vertical line, with a different length than the first.
13. Create a new vector layer
 - a. On the Layer Palette, click on the “New Vector Layer” button 
 - b. The new layer will automatically be named “Vector 3.”
 - c. Click OK
14. In the line Tool Options Palette, change line width to 30.
15. Draw another straight vertical line, with a different length than the first and second lines.
16. Recompose the arrangement of lines by moving the lines around. To move a line, select the “Move” tool (the fourth tool down from the top of the tool icons, or simply type M). Hold the left mouse button down and drag the line to where you want it.
17. Change the length of a line by selecting the “Object Selection” Tool by picking its icon at the bottom of the tool group,  place your cursor on one of the end vectors, hold the left button of the mouse down and drag either up or down.
18. To get rid of the selection frame on the object, left click somewhere on the screen off of the object.
19. To move more than one line at a time, use the “Object Selection” Tool, hold the Shift key down and select each of the lines you want to move with a left mouse button. Then hold left mouse button down on one object and move all of the objects together. (To get rid of the selection frame on the object, left click somewhere on the screen off of the object.)
20. To erase an object or objects, make the layer on which that object is located the current layer and select the “Selection Tool” (the fifth down from the top of the tool icons, or simply type S). Place a “marquis” around all the objects you want to erase, and hit the <Delete> key on the keyboard. To turn off the marquis, type <Ctrl>D or right-click outside of the selection area.
21. Save your drawing to your folder
 - a. select the Save button on the toolbar 
 - b. Browse to find your folder
 - c. Type in today’s date 2007 01 22 followed by an appropriate name such as “line balance.”
22. To print select the printer icon, then pick the printer you want to use, select the box “Fit to Page,” Portrait orientation, then click the “Print” button.

