

## Printing the CMYK, RGB, and HSB color charts

To match colors on the charts to colors selected within an application, use the same printer color correction to print the charts that you are going to use when selecting and printing those colors within an application.

For example, if you are going to print from an application with the driver's **Vivid Color** option selected, then print the color chart with either the **Vivid Color** rear panel switch selection, or the *Vivid Color (VIVDCOLR.PS)* utility file downloaded to the printer. Or, if you are not using a Tektronix driver, use the same rear panel switch selection or downloaded utility file to print the chart *and* to print the colors from an application.

The following table lists the driver color correction settings with their corresponding utility file and printer switch settings.

### Driver, utility file, and rear panel switch settings

Driver setting (Macintosh and Windows)	Macintosh utility file*	PC utility file*	Printer's rear panel switches
Simulate Display	Simulate Display	DISPLAY.PS	n/a
Vivid Color	Vivid Color	VIVDCOLR.PS	Switch 8 <i>up</i> and Switch 9 <i>down</i>
Use Printer Setting	(any color correction utility file)**	(any color correction utility file)**	(any color correction setting)**
Commercial Press	Commercial Press	COMRCIAL.PS	Switch 8 <i>down</i> and Switch 9 <i>up</i>
Euroscale Press	Euroscale Press	EUROSCAL.PS	
SNAP Press	SNAP Press	SNAPRESS.PS	(SWOP Press)
SWOP Press	SWOP Press	SWOPRESS.PS	
None	No Color Correction	NOCORECT.PS	<b>Switch 8 <i>down</i> and Switch 9 <i>down</i></b>

\*For the utility file color corrections to take effect, Switches 8 and 9 on the printer's rear panel must both be in the *up* position *before* the utility file is downloaded to the printer.

\*\*Make sure you use the same color correction to print the chart and later to print the colors from an application.

Use the following links to obtain directions on printing color charts using TekColor color corrections:

[Directions for Macintosh](#)

[Directions for PC/Workstations](#)

## Macintosh users

1. Locate the following software either on the Phaser 480X CD-ROM (*Utilities* folder) or on the Macintosh Printer Utilities diskette:
  - Locate the color sampler chart files in the *Phaser 480X Samplers* folder, and copy the files you want to your hard disk.
  - Locate the *LaserWriter Utility* and the color correction files in the *Phaser 480X Utilities* folder, and copy them to your hard disk.
2. Make sure the printer is loaded with the type of media and transfer roll you want to use for printing the chart.
3. Select the appropriate printer in the **Chooser**.
4. Select a color correction from the following table:

Macintosh color correction utility file	Notes
<ul style="list-style-type: none"><li>■ Commercial Press</li><li>■ Euroscale Press</li><li>■ No Color Correction</li><li>■ Simulate Display</li><li>■ SNAP Press</li><li>■ SWOP Press</li><li>■ Vivid Color</li></ul>	For the utility file color corrections to take effect, Switches 8 and 9 on the printer's rear panel must both be in the <i>up</i> position <i>before</i> the utility file is downloaded to the printer.

- a. Double-click the *LaserWriter Utility* icon to start the application.
  - b. Choose **Download PostScript File** from the **Utilities** menu.
  - c. Select a color correction utility file from the list, then click **Open**.
  - d. At the prompt `Save PostScript output as:` you are asked for a file name for saving printer output. Use either the default name given in the edit box or type a new name. Click **Save** to send the file to the printer.
  - e. If no output is returned by the printer, the *LaserWriter Utility* displays a dialog box. Click **OK** in the box to continue.
5. To print a color sampler chart, do the following:
  - a. Double-click the *LaserWriter Utility* icon to start the application.
  - b. Choose **Download PostScript File** from the **Utilities** menu.
  - c. Select a color sampler chart file from the list, then click **Open**.
  - d. At the prompt `Save PostScript output as:` you are asked for a file name for saving printer output. Use either the default name given in the edit box or type a new name. Click **Save** to send the file to the printer.
  - e. If no output is returned by the printer, the *LaserWriter Utility* displays a dialog box. Click **OK** in the box to continue.
6. Select colors within an application using the colors on the chart.

7. Print your document using one of the following methods:

**If you are printing from a Tektronix driver:**

- Print your document using the Tektronix printer driver with the same color correction option selected in the driver that you used (with downloaded utility files or rear panel switches) to print the chart. Any other driver selections can cause the colors to print differently.
- Remember to load the same type of paper and transfer roll you used when printing the chart.

**If you are not using a Tektronix driver:**

- Print your document with the same color correction utility file or rear panel switch setting you used to print the chart.
- Remember to load the same type of paper and transfer roll in the printer that you used when printing the chart.

## PC and workstation users

1. Locate the following software either on the Phaser 480X CD-ROM (*UTILS* directory) or on the Windows 3.1 Driver and Printer Utilities diskette:
  - Locate the color sampler chart files in the *SAMPLERS* directory, and copy the files you want to your hard disk.
  - Locate the color correction files in the *PHSR480X* directory, and copy them to your hard disk.
2. Make sure the printer is loaded with the type of paper and transfer roll you want to use for printing the chart.
3. Select a color correction from the following table:

PC color correction utility file	Notes
■ COMRCIAL.PS	For the utility file color corrections to take effect, Switches 8 and 9 on the printer's rear panel must both be in the <i>up</i> position <i>before</i> the utility file is downloaded to the printer.
■ DISPLAY.PS	
■ EUROSCAL.PS	
■ NOCORECT.PS	
■ SNAPRESS.PS	
■ SWOPRESS.PS	
■ VIVDCOLR.PS	

- **PC users:** Use the DOS **COPY** command to send a color correction utility file to the printer. Or, use the **Copy** command in Windows **File Manager** to send a color correction utility file to the printer.
- **Workstation users:** Send a color correction utility file to the printer as you would any PostScript file.

4. Print a color sampler chart using one of the following methods:
  - **PC users:** Use the DOS **COPY** command to send a color sampler chart file to the printer. Or, use the **Copy** command in Windows **File Manager** to send a color sampler chart file to the printer.
  - **Workstation users:** Send a color sampler chart file to the printer as you would any PostScript file.
5. Select colors within an application using the colors on the chart.
6. Print your document using one of the following methods:

**If you are printing from a Tektronix driver:**

- Print your document using the Tektronix printer driver with the same color correction option selected in the driver that you used (with a downloaded utility file or rear panel switch setting) to print the chart. Any other driver selections can cause the colors to print differently.
- Remember to load the same type of paper and transfer roll in the printer that you used when printing the chart.

**If you are not using a Tektronix driver:**

- Print your document with the same color correction utility file or rear panel switch settings you used to print the chart.
- Remember to load the same type of paper and transfer roll in the printer that you used when printing the chart.