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 a color chart with either the **Vivid Color** (TekColor Correction menu) front panel selection, or the *Vivid Color* (*VIVDCOLR.PS*) utility file downloaded to the printer. Or, if you are not using a supported driver, use the same front panel 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 files and front panel settings.

Driver, utility file, and front panel settings

Driver setting (Macintosh and Windows)	Macintosh utility file name	PC utility file name	Printer's front panel selection (TekColor Corrections menu)
Simulate Display	Simulate Display	DISPLAY.PS	Simulate Display
Vivid Color	Vivid Color	VIVDCOLR.PS	Vivid Color
Use Printer Setting	(any color correction utility file)*	(any color correction utility file)*	(any front panel color setting)*
Commercial Press Euroscale Press SWOP Press	Commercial Press Euroscale Press SWOP Press	COMRCIAL.PS EUROSCAL.PS SWOPRESS.PS	Commercial Euroscale SWOP
None	No Color Correction	NOCORECT.PS	None

*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

Note   *If you are using QuickDraw GX and System 7.5, you can print the color charts from the Tektronix Phaser 550 GX printer driver.*

1.   Install the samplers and utility files from either the Phaser 550 CD-ROM or the Printer Software for Macintosh diskette.

2.   Select the appropriate printer in the **Chooser**.

3.   Determine which color correction you need to use by examining the table shown earlier.

If you are selecting a color correction from the printer's front panel, refer to the *Phaser 550 Color Printer User Manual* for instructions on using the printer's front panel.

If you need to download a color correction utility file:

a.   Locate the *LaserWriter Utility* in the *PhaserTools* folder on your hard disk, and double–click its icon to start the application.

b.   Choose **Download PostScript File** from the **Utilities** menu.

c.   Select a color correction file from the list, then click **Open**. (These files were installed in the *Phaser 550 Utilities* folder inside the *PhaserTools* folder.)

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** to continue.

4. To print a color sampler chart, do the following:

    a. Locate the *LaserWriter Utility* in the *PhaserTools* folder on your hard disk and double–click its icon to start the application.

    b. Choose **Download PostScript File** from the **Utilities** menu.

    c. Select the color sampler chart file from the list, then click **Open**. (The color sampler chart files were installed in the *Samplers* folder inside the *PhaserTools* folder.)

    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** to continue.

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 supported driver:** Print your document using a supported printer driver (such as the Phaser 550 GX or LaserWriter 8.x) with the same color correction option selected in the driver that you used with a downloaded utility file or on the printer's front panel to print the chart. Any other color correction selection in the driver can cause the colors to print differently.

- **If you are not using a supported driver:** Print your document with the same downloaded utility file or front panel color correction you used to print the chart.

PC and workstation users

1. Install the samplers and utility files from either the Phaser 550 CD-ROM or the Printer Software for Windows diskette.

2. Locate the installed files in the *PHSR550* and *SAMPLERS* subdirectories inside the *PHSRTOOL* directory on your hard disk.

3. Determine which color correction you need to use by examining the <u>table shown earlier.</u>

   If you are selecting a color correction from the printer's front panel, refer to the *Phaser 550 Color Printer User Manual* for instructions on using the printer's front panel.

   If you need to download a color correction utility file:

   - **PC users**: Use the DOS **COPY** command, or the **Copy** command in Windows 3.1 **File Manager**, to send the file to the printer.

   - **Workstation users**: Send a color correction 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, or the **Copy** command in Windows 3.1 **File Manager**, to send the file to the printer.

   - **Workstation users**: Send the 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 supported driver:** Print your document using a supported printer driver (in Windows 95 or Windows 3.1) with the same color correction option selected in the driver that you used with a downloaded utility file or on the front panel to print the chart. Any other color correction selection in the driver can cause the colors to print differently.

- **If you are not using a supported driver:** Print your document with the same downloaded utility file or front panel color correction you used to print the chart.