
Subject: color postscript, colortables and TV
Posted by [don shad](#) on Mon, 14 Sep 1998 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

--
hi

i am having trouble getting the proper colors to be displayed in a color postscript output with custom colormaps. when i use a 6 (or 12, or ?) color custom colormap i cannot get images that are placed using TV to use this colormap when the device is postscript. on-screen the TV images have the correct colors.

for example, the following code works as expected with onscreen (X terminal) display - it makes a colorbar, and a plot with two different color lines; however, when the device is set to ps, with /color, the code produces a solid rectangle of red instead of the colorbar. the lines drawn with the plot commands are of the proper color.

```
red = [ 255, 250, 150,50,0, 0]  
green = [ 0, 150, 200, 200, 70, 0]  
blue = [ 0, 0, 0, 100, 240, 255]
```

```
b=replicate(1b,20) # bindgen(100)  
b=bytsc1(b,top=6)
```

```
set_plot,"ps"  
device, /color,filename="test.ps"  
tv!ct, red, green, blue
```

```
plot, [4,5],[6,8], color=2  
plots,[4,5],[7,7], color=4  
tv, b
```

```
end
```

so is my code wrong, or does the TV command not actually look at the newly loaded colortable, or is there something else that i am missing?

i would appreciate any help.

thanks very much,

don schad
hydroqual, inc

--
