
Subject: Re: <sigh> My color question
Posted by [uk2](#) on Thu, 08 Nov 2001 02:48:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Todd,

I had the same problem. Got a post on it, but it didn't work. The problem is 24-bit with linux in 5.5. The solution is buried in the recent tips on the rsinc site. Just add the following to your startup file and you should be fine. Now, why this wasn't a problem in the beta and only made it to the final release, I'll never know.

```
WINDOW, /PIXMAP & WDELETE  
DEVICE, BYPASS_TRANSLATION=0
```

-Pete

Todd wrote:

```
> HI all...  
>  
> I swear I've spend the past several hours reading posts about it and  
> trying different things, but it just wasn't working. I just installed  
> a new dual processor system, and put on RedHat 7.2. I get IDL loaded,  
> fire it up, and put in a simple command such as tv, dist(512,512) and  
> get this image with vertical bars running through it. The same thing  
> happens with Craig's plotimage routine.  
>  
> So, I looked around, and added the following lines to my IDL startup  
> file:  
>  
> if( !version.os_family eq 'unix' ) then device, true_color=24  
> window, /free, /pixmap, colors=-10  
> wdelete, !d.window  
> device,decomposed=0, retain=2  
> device, get_visual_depth=depth  
> print, 'Display depth: ', depth  
> print, 'Number of colors: ', !d.n_colors  
>  
> Nothing really gets any better. (and I do get a display depth of 24  
> bit). To boot, when I try loading color tables and replotting the  
> image, the colors in the image don't change, but the position of the  
> vertical bands in the image do.  
>  
> You can see the results here:
```

>
> This one is using Craigs plotimage (plotimage, bytscl(dist(512,512)))
> <http://checont6.ucsd.edu/todd/idl/dist.jpeg>
>
> This one is using tv (tv, dist(512,512))
> <http://checont6.ucsd.edu/todd/idl/disttv.jpeg>
>
> Here is help, /device:
>
> Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X
> Z
> Current graphics device: X
> Server: X11.0, The XFree86 Project, Inc, Release 40100000
> Display Depth, Size: 24 bits, (1152,864)
> Visual Class: DirectColor (5)
> Bits Per RGB: 8 (8/8/8)
> Physical Color Map Entries (Used / Total): 256 / 256
> Colormap: Private, 16777216 colors. Translation table: Bypassed
> Graphics pixels: Combined, Dither Method: Ordered
> Write Mask: 16777215 (decimal) ffffff (hex)
> Graphics Function: 3 (copy)
> Current Font: <default>, Current TrueType Font: <default>
> Default Backing Store: Pixmap.
>
> Thanks for any insight... I had seriously hoped to be able to avoid
> posting a color problem, but I'd rather get work done than look good.
>
> Todd
>
