
Subject: making a color image

Posted by [Greg Hennessy](#) on Thu, 06 Sep 2007 17:49:09 GMT

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I have three 8 bit images in three filters that I want to display as a "true color" image. My workstation should be able to handle it.

IDL> help,/device

Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X Z

Current graphics device: X

Server: X11.0, The X.Org Foundation, Release 70000000

Display Depth, Size: 24 bits, (1280,960)

Visual Class: TrueColor (4)

Bits Per RGB: 8 (8/8/8)

Physical Color Map Entries (Emulated / Actual): 256 / 256

Colormap: Shared, 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.

When I try what I think should work:

IDL> tv,[[v],[r],[i]]

what is displayed is black and white only. I *used* to know how to do this 15 years ago when I had an IVAS, but haven't done it with a workstation. I'm probably missing something obvious, but what?

Thanks.
