
Subject: Using the most colors in tvscl

Posted by [Walid](#) on Sat, 03 Aug 1996 07:00:00 GMT

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Since there appear to be quite a few color experts out there, I was wondering if anyone has addressed this problem. I'm running IDL 4.0.1 on a Windows 95 platform. The system variable !D.N_COLORS=65536, which I assume means that this is the maximum number of displayable colors. I have some 12-bit data (0-4095) that would ideally be scaled into 12-bit color data--however, when using tvscl, although this is a "true-color device", as indicated by help,/device, only 256 colors are displayed. I tried making up a table via a=indgen(4096), tvlct,a,a,a, which should give a grey-scale intensity image from 0-4095, but it does not appear to affect the display (i.e. changing it to a=indgen(10) still gives the same picture for dist(400)).

Would using the tvrd procedure to read back the data in its original form be possible, since supposedly all those colors can be displayed?

Also, is there any way to get more than 255 colors out of plots, using the color keyword?

Thanks,

Walid
