
Subject: Problem with Colours when plotting to screen
Posted by [Tapuosi Lotoaniu](#) on Wed, 24 Sep 2003 23:53:19 GMT
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Hi All,

We are having problems with image colours when running IDL5.4 through xterms on Macs. I read an earlier reply that said that it could be due to bugs in version 0.3 of X11 on Macs.

However, I am having the same problem with my Linux RH9.0 at home. I run IDL through xterm on Linux and the colour plots to screen are always black and white. When I print to file (e.g. postscript) the images are colour. I had RH7.0 last year and this problem did not occur.

Any help would be grateful.

Thanks
Paul.

Subject: Re: Problem with Colours when plotting to screen
Posted by [Andy Loughe \(remove \[1\]\)](#) on Thu, 25 Sep 2003 15:39:18 GMT
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This may be a problem with handling 24-bit graphics.

This is what my startup.pro looks like on a RH Linux box:

```
; Let's deal with the 24-bit display issues.
if (!version.os_family eq 'unix') then device, true_color=24
window, /free, /pixmap, colors=-10
wdelete, !d.window
device, decomposed=0, retain=2, set_character_size=[8,10]
device, get_visual_depth=depth
```

```
; Print helpful information at login.
print, ''
print, 'Display depth: ' + strtrim( depth, 2 )
print, 'Color table size: ' + strtrim( !d.table_size, 2 )
print, ''
$pwd
$hostname
print, ''
```

Try running with that, and see if it helps.

Tapuosi Lotoaniu wrote:

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> Any help would be grateful.
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> Thanks
> Paul.
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Andrew Loughe =====
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325 Broadway | wwwweb: www-ad.fsl.noaa.gov/users/loughe
Boulder, CO 80305-3328 | phone: 303-497-6211 fax: 303-497-6301

Subject: Re: Problem with Colours when plotting to screen
Posted by [Tapuosi Lotoaniu](#) on Sat, 04 Oct 2003 00:30:13 GMT
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I tried changing graphics bit size but it did not work. I didn't think it would work anyway because I access IDL, which runs on a SunOs, remotely using RH Linux. Could it be a bug in the X software on RH 9.0? I did not have this color problem with RH 7.2.

In regards to the Macs has anyone tried changing to an earlier X11 version to see if this fixes the color problem? We can't find the earlier version. Well actually we didn't try too hard because we want to know if others have tried first to see if its worth the hassle.

Thanks

Dr. Tapuosi Lotoaniu

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University of California, Los Angeles
Box 951565
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Los Angeles, CA 90095-1565 USA

On Thu, 25 Sep 2003, Andy Loughe (remove OMITs) wrote:

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> Andrew Loughe =====
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