
Subject: Re: set_plot,'PS' and accurate colors?

Posted by [Liam E. Gumley](#) on Wed, 08 Jan 2003 20:48:45 GMT

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The METAFILE and PRINTER graphics devices both support 24-bit color. Just use

```
device, true_color=24
```

after you select the device. Note that the METAFILE graphics device is only available on Windows platforms.

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>

"dave" <knapp@rtt.colorado.edu.NOSPAM> wrote in message
news:3E1C8321.655CD000@rtt.colorado.edu.NOSPAM...

> I'm sorry I didn't see the response until just now.

>

> It's looking like IDL can't plot output graphics (PS, metafile etc) with
more than

> 256 colors ever, is that true?

>

> David Fanning wrote:

>

>> David Fanning (david@dfanning.com) writes:

>>

>>> dave (knapp@rtt.colorado.edu.NOSPAM) writes:

>>>

>>>> I just reduced the color depth in the plots (the range in the color
variable)

>>>> to less than 255 with no change in the output colors at all.

>>> Oh, I don't think so. :-)

>>> Can you show me how you constructed and loaded your

>>> color table and indexed the colors?

>>

>> This code produces a series of rainbow colored lines both on
>> the display and in a PostScript file.

>>

>> PRO Test

>> Loadct, 13 ; Rainbow colors

>> x=findgen(256)* 0.8/256. + .1

>> Window, XSize=800, YSize=400

>> for j=0,255 do plots, [x[j], x[j]], [0.1, 0.9], Color=j

>>

>> thisDevice = !D.Name

```
>> Set_Plot, 'ps', /Copy
>> Device, XSize=10, YSize=7, XOffset=0.5, File='test.ps', $
>>   YOffset = 10.75, /Inches, /Landscape
>>
>> for j=0,255 do plots, [x[j], x[j]], [0.1, 0.9], Color=j
>>
>> Device, /Close
>> Set_Plot, thisDevice
>> END
>>
>> Cheers,
>>
>> David
>> --
>> David W. Fanning, Ph.D.
>> Fanning Software Consulting, Inc.
>> Phone: 970-221-0438, E-mail: david@dfanning.com
>> Coyote's Guide to IDL Programming: http://www.dfanning.com/
>> Toll-Free IDL Book Orders: 1-888-461-0155
>
```
