
Subject: Re: color plot in window

Posted by [Vince Hradil](#) on Mon, 13 Oct 2008 19:34:00 GMT

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On Oct 13, 2:23 pm, adisn...@hotmail.com wrote:

```
> Hi,
>
> This should work but it does not, and I'm not sure what I'm doing
> wrong.
> 'd appreciate anyone who can answer to this!
>
> I'm trying to plot in colors in 8 bits.
> A simple version of my code follows as
>
> pro test
> device, decomposed =0
>
> x = indgen(100)
> y = sin(x)
>
> tvlct, 255,0,0, 100
> plot, x, y, background=255, color=100
>
> end
>
> It plots in a gray color, not in red.
>
> Anyone any idea?
> Thanks
```

What do you get from IDL> help, /device

Subject: Re: color plot in window

Posted by [adisn123](#) on Mon, 13 Oct 2008 19:47:16 GMT

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On Oct 13, 2:34 pm, Vince Hradil <vincehra...@gmail.com> wrote:

```
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>
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>> Thanks
>
> What do you get from IDL> help, /device
```

The following is what I copied from the idl window.

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 10500000
Display Depth, Size: 24 bits, (1680,1050)
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: Req from Server.

Subject: Re: color plot in window

Posted by [David Fanning](#) on Mon, 13 Oct 2008 19:57:39 GMT

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adisn123@hotmail.com writes:

```
> The following is what I copied from the idl window.
>
> 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 10500000
> Display Depth, Size: 24 bits, (1680,1050)
> Visual Class: DirectColor (5)

Oh, dear! Not this ugly monster again. :-)

Here is some reading for you:

http://www.dfanning.com/color_tips/working_with_color.pdf

Make absolutely sure you read page 2 on Making SURE
you are in a True-Color Visual Class. We cannot help
you if you stay with a DirectColor Visual Class. Sorry. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: color plot in window

Posted by [adisn123](#) on Mon, 13 Oct 2008 20:05:21 GMT

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On Oct 13, 2:57 pm, David Fanning <n...@dfanning.com> wrote:

> adisn...@hotmail.com writes:
>> The following is what I copied from the idl window.
>
>> 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 10500000
>> Display Depth, Size: 24 bits, (1680,1050)
>> Visual Class: DirectColor (5)
>
> Oh, dear! Not this ugly monster again. :-)
>
> Here is some reading for you:
>
> http://www.dfanning.com/color_tips/working_with_color.pdf
>
> Make absolutely sure you read page 2 on Making SURE

> you are in a True-Color Visual Class. We cannot help
> you if you stay with a DirectColor Visual Class. Sorry. :-(
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Ok.
I'll try.
Thanks.

Subject: Re: color plot in window
Posted by [Vince Hradil](#) on Mon, 13 Oct 2008 20:15:31 GMT
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On Oct 13, 2:57 pm, David Fanning <n...@dfanning.com> wrote:
> adisn...@hotmail.com writes:
>> The following is what I copied from the idl window.
>
>> Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X
>> Z
>> Current graphics device: X
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> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.

- > Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

You could also use DEVICE, PSEUDOCOLOR=8 before you run your code.
You don't HAVE to be in True Color, but I agree DirectColor is (to me
anyways) incomprehensible.

Subject: Re: color plot in window
Posted by [David Fanning](#) on Mon, 13 Oct 2008 20:18:10 GMT
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Vince Hradil writes:

- > You could also use DEVICE, PSEUDOCOLOR=8 before you run your code.

Yeah, if you are the sort of person who still uses a rotary
phone, you will be extremely comfortable in this environment. ;-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: color plot in window
Posted by [Vince Hradil](#) on Mon, 13 Oct 2008 20:49:10 GMT
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On Oct 13, 3:18 pm, David Fanning <n...@dfanning.com> wrote:

- > Vince Hradil writes:
- >> You could also use DEVICE, PSEUDOCOLOR=8 before you run your code.
- >
- > Yeah, if you are the sort of person who still uses a rotary
- > phone, you will be extremely comfortable in this environment. ;-)
- >
- > Cheers,
- >
- > David
- >
- > --
- > David Fanning, Ph.D.

- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Actually, I think I might prefer to just ask the operator to "patch me through" 8-)
