Subject: Re: PLOT and colors
Posted by Paolo Grigis on Fri, 24 Nov 2006 08:37:25 GMT
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short answer:

device,decomposed=0

long answer:

http://www.dfanning.com/color_tips/colorchp3.html

useful command:

help,/device

Ciao,
Paolo

Ingo von Borstel wrote:
> Hello there,
>
> when using the PLOT command, it comes with a COLOR=xyz keyword. That
> works nicely in the way that I can specify in my case the shade of red
> that is plotted (xyz = 0...255), but I cannot make it plot in another
> color, e.g. yellow, blue or so. Is there a way to produce a color plot
> with IDL that allows me to plot using all colors available to my display
> and/or printer?
>
> Best regards,
> Ingo

Subject: Re: PLOT and colors
Posted by Jean H. on Fri, 24 Nov 2006 18:00:38 GMT
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Ingo von Borstel wrote:
> Hello there,
>
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> color, e.g. yellow, blue or so. Is there a way to produce a color plot
> with IDL that allows me to plot using all colors available to my display
> and/or printer?

>
> Best regards,
> Ingo

you can also use a function from RSI's tutorial:
function rgb2idx, rgb
 return, rgb[0]+(rgb[1]*2L^8)+(rgb[2]*2L^16)
end

plot, [...], color = rgb2idx[0,0,255]   for a nice blue..

Jean

Subject: Re: PLOT and colors
Posted by David Fanning on Fri, 24 Nov 2006 18:18:15 GMT
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Jean H. writes:

> you can also use a function from RSI's tutorial:
> function rgb2idx, rgb
> return, rgb[0]+(rgb[1]*2L^8)+(rgb[2]*2L^16)
> end
>
> plot, [...], color = rgb2idx[0,0,255]   for a nice blue..

Or, whatever color happens to be loaded in color index
255 if you happen to have DEVICE, DECOMPOSED=0 set at
the moment. :-)

If you want a nice blue, you are MUCH better off trying
something like this:

   plot, findgen(11), color=fsc_color('sky blue')

Now THAT should give you a nice blue! :-)

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.")
