Subject: Color conversions
Posted by MichaelT on Thu, 10 Jul 2008 16:01:10 GMT

Hi all,

here is something I'd like to do and I do not know how, despite some
lengthy searches and trials:

Say, I have displayed an image in a window and plotted some other
things on top. All that with a certain color table. Later, I want to
switch to a different color table and display the very content with
the new color table. I do not want to do all the displaying and
plotting, again. Just read the content of the window an display it
with another color table. So I tried something with TVRD - without any
success.
How would you do it? Is there a simple way?

Thanks,
Michael

Subject: Re: Color Conversion
Posted by David Fanning on Fri, 20 Jul 2012 16:53:30 GMT

Marc writes:

> I am currently working with a 3D array defined by (longitude, latitude, color), with the color
dimension being of size 3 representing an RGB color scale. This, however, is causing me some
problems since I need to scale the color value to the value that it actually represents on the
(longitude, latitude) grid for later conversion, and so I ultimately want a 2D array with the RGB
color scale converted to a color index scale from 0 to 255, with 0 as black and 255 as white.
Any thoughts or suggestions on how to go about doing this process?
>

http://www.idlcoyote.com/ip_tips/color2gray.html

Cheers,

David

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

On Friday, July 20, 2012 12:53:30 PM UTC-4, David Fanning wrote:
> Marc writes:
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> http://www.idlcoyote.com/ip_tips/color2gray.html
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

I got it. Thanks for the help!