Subject: Re: New color palette

Posted by David Fanning on Tue, 20 Mar 2012 20:33:53 GMT

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## KH writes:

- > I am looking for a cyan to blue to white to red to yellow color
- > palette similar to the one here:
- > http://www-meom.hmg.inpg.fr/Web/pages-perso/brankart/Ferret\_ scripts/white\_centered.gif.

>

- > Specifically I am looking for a 256 version of the white\_centered.spk
- > palette from Ferret. It is my understanding that Ferret interpolates
- > the colors from the following:
- > 0 0 100 100
- > 20 20 20 100
- > 35 100 100 100
- > 65 100 100 100
- > 80 100 20 20
- > 100 100 100 0
- > I believe the first column is the percentage value, but I am just not
- > sure how to use on 6 RGB values to get a full color palette I can use
- > in IDL.

>

> Any assistance would be greatly appreciated.

You would do it like this:

http://www.idlcoyote.com/color\_tips/create\_colortable.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.")

Subject: Re: New color palette

Posted by natha on Wed, 21 Mar 2012 01:12:54 GMT

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If you want you can visit http://soliton.vm.bytemark.co.uk/pub/cpt-city/index.html There are tones of palettes and we have a routine to read them in IDL

Subject: Re: New color palette

Posted by KH on Wed, 21 Mar 2012 18:02:50 GMT

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On Mar 20, 9:12 pm, nata <br/> <br/> dernat.puigdomen...@gmail.com> wrote:

- > If you want you can visithttp://soliton.vm.bytemark.co.uk/pub/cpt-city/index.htm I
- > There are tones of palettes and we have a routine to read them in IDL

>

- > If you want the code let me know
- > nata

Thank you nata for the link. I couldn't find the exact palette that I want, but there are several others that I would like to consider using. If you would be willing to share your code to read the palettes I would really appreciate it.

Thanks,

Kim

Subject: Re: New color palette Posted by KH on Wed, 21 Mar 2012 18:03:19 GMT

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On Mar 20, 4:33 pm, David Fanning <n...@idlcoyote.com> wrote:

- > KH writes:
- >> I am looking for a cyan to blue to white to red to yellow color
- >> palette similar to the one here:
- >> http://www-meom.hmg.inpg.fr/Web/pages-perso/brankart/Ferret\_ scripts/w....

>

- >> Specifically I am looking for a 256 version of the white centered.spk
- >> palette from Ferret. It is my understanding that Ferret interpolates
- >> the colors from the following:
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- >> I believe the first column is the percentage value, but I am just not
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>

>> Any assistance would be greatly appreciated.
> You would do it like this:
> http://www.idlcoyote.com/color\_tips/create\_colortable.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.")- Hide quoted text ->
> - Show quoted text -

Thank you David, this is very useful. Kim

Subject: Re: New color palette
Posted by Michael Galloy on Thu 22 M

Posted by Michael Galloy on Thu, 22 Mar 2012 17:13:05 GMT

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On 3/21/12 12:02 PM, KH wrote:

- > On Mar 20, 9:12 pm, nata<br/>
  bernat.puigdomen...@gmail.com> wrote:
- >> If you want you can visithttp://soliton.vm.bytemark.co.uk/pub/cpt-city/index.htm I
- >> There are tones of palettes and we have a routine to read them in IDL

>>

- >> If you want the code let me know
- >> nata

>

- > Thank you nata for the link. I couldn't find the exact palette that I
- > want, but there are several others that I would like to consider
- > using. If you would be willing to share your code to read the
- > palettes I would really appreciate it.
- > Thanks,
- > Kim

Here is a list of the color tables in the cpt-city download that might make finding your table easier (though it's still quite a pain to search through the many, many tables available):

http://docs.idldev.com/vis/color/cptcity\_catalog.html

Mike

--

Michael Galloy www.michaelgalloy.com Modern IDL, A Guide to Learning IDL: http://modernidl.idldev.com Research Mathematician Tech-X Corporation