Subject: Re: Problem changing color table
Posted by kelle on Fri, 07 Mar 2014 00:25:42 GMT

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On Thursday, March 6, 2014 7:15:27 PM UTC-5, kelle wrote:
> On Thursday, March 6, 2014 6:58:21 PM UTC-5, kelle wrote:
>
>> Hey David,
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>
>> Thanks for the quick reply.
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>> Yes, I'm aware of that command and have had it in my code and functioning for many years. It has recently *stopped* working.
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>
>> IF ~KEYWORD_SET(ps) THEN BEGIN
>
>>
>
>>   ;set up for display to screen
>
>>
>
>>   set_plot,'x'
>
>>
>
>>   device, Decomposed=0 ;make colors work for 24-bit display
>
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>

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>>      print,'debug red plots'
>
>>
>
>> ENDIF
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>> If no one else has encountered this problem with the new XQuartz or Mac OS, I will try to
debug some more on my own.
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>> thanks!
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>> kelle
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>
>> On Thursday, March 6, 2014 6:44:43 PM UTC-5, David Fanning wrote:
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>>>  kelle writes:
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>>>> 'm running code that used to properly deal with this issue but "all of a sudden", all of my plots are red again...for the first time in *years*.

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>>>> I'm running IDL 7.0.6 (and not interested in upgrading) on Mac OS 10.8.5 and XQuartz 2.7.5.

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>>>> Unfortunately, I haven't been using IDL regularly and lots of changes have probably been applied to my system since I last had regular display functionality. I suspect it's the new XQuartz?

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>>>>  thanks for any thoughts.
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>>> Device, Decomposed=0
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>>> Cheers,
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>>> David
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>>> --
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>>> David Fanning, Ph.D.
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>>> Fanning Software Consulting, Inc.
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>>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
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```

>>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
>
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>
> ok, I think I figured it out. I just needed to explicitly define the color of the plot (color_line). I've never needed to do this before, but it worked!
>
>
>
> The annotations are all still red...guess I need to also explicitly give those colors in the xyouts commands.
>
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>
> What's the "default" color? Does it use whatever is assigned to 255? Cause if so, that would explain it. (And maybe I changed my custom color table? this is starting to ring some bells...)
>
>
>
> kelle
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>
> @colors_kc ; loads custom color table gives colors names
>
> color_line = black
>
> IF ~KEYWORD_SET(ps) THEN BEGIN
>
> ;set up for display to screen
>
>   set_plot,'x'
>
>   device, Decomposed=0 ;make colors work for 24-bit display
>
> print,'ye'
>
>   color_line=white
>
> ENDIF
>
> plot, w, spec, [...], color=color_line

yep, just needed to have white as the last color. It was just a coincidence that I had modified the color table to have red as color 255...thus mimicking the Device, Decomposed = 0 problem. sneaky, sneaky.

I wonder, does that also mean that for good color table modification practice, one should also

always keep black as color 0?

thanks!
kelle