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Subject: Re: Problem changing color table  
Posted by [kelle](#) on Fri, 07 Mar 2014 00:15:27 GMT  
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On Thursday, March 6, 2014 6:58:21 PM UTC-5, kelle wrote:

> Hey David,

>

>

>

> 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.

>

>

>

> 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,'debug red plots'

>

> ENDIF

>

>

>

> 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.

>

>

>

> thanks!

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> kelle

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> On Thursday, March 6, 2014 6:44:43 PM UTC-5, David Fanning wrote:

>

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

```

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.

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

```

@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
```

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