Subject: Re: Problem changing color table
Posted by Phillip Bitzer on Fri, 24 May 2013 20:21:52 GMT
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Check out:

http://www.idlcoyote.com/color_tips/colors24.html

Basically, you're looking for:
DEVICE, DECOMPOSED=0

(There's a lot of good information on that site for IDL programmers, new and old.)

Subject: Re: Problem changing color table
Posted by Meg on Fri, 24 May 2013 20:25:16 GMT
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Thank you!

On Friday, May 24, 2013 4:21:52 PM UTC-4, Phillip Bitzer wrote:
> Check out:
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> (There's a lot of good information on that site for IDL programmers, new and old.)

Subject: Re: Problem changing color table
Posted by kelle on Thu, 06 Mar 2014 23:01:28 GMT
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Hi,

I'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*.

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

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?

thanks for any thoughts.

kelle

On Friday, May 24, 2013 4:25:16 PM UTC-4, Meg wrote:
> Thank you!
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Subject: Re: Problem changing color table
Posted by David Fanning on Thu, 06 Mar 2014 23:44:43 GMT
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kelle writes:

> '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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>
> 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?
>
> thanks for any thoughts.

Device, Decomposed=0

Cheers,

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

Subject: Re: Problem changing color table
Posted by kelle on Thu, 06 Mar 2014 23:58:21 GMT
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Hey David,

Thanks for the quick reply.

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!
kelle

On Thursday, March 6, 2014 6:44:43 PM UTC-5, David Fanning wrote:
> kelle writes:
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Subject: Re: Problem changing color table
Posted by David Fanning on Fri, 07 Mar 2014 00:05:42 GMT
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kelle writes:

> 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
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> 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.

I'd be curious to know what HELP, /DEVICE turns up. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Problem changing color table
Posted by kelle on Fri, 07 Mar 2014 00:15:27 GMT
View Forum Message <> Reply to Message

On Thursday, March 6, 2014 6:58:21 PM UTC-5, kelle wrote:
> Hey David,
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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.

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
```

---

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:
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> 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

---

Subject: Re: Problem changing color table
Posted by David Fanning on Fri, 07 Mar 2014 00:32:46 GMT
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kelle writes:

> I wonder, does that also mean that for good color table modification practice, one should also always keep black as color 0?

I think it means you should just use Coyote Graphics and never have to worry about these kinds of things again. :-)

Cheers,

David
--
David Fanning, Ph.D.
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