Subject: device, get_decomposed question
Posted by Daniel Peduzzi on Tue, 14 Sep 1999 07:00:00 GMT
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The use of the "get_decomposed" query seems to be affecting the
way my images are displayed. If I comment out the second device
command, I see the expected behavior: the second image contains
shades of red. If I leave the command in, I get another grayscale image.

Why would a query command affect any kind of display operation?
I'm sure I'm missing something here.

```
device, true_color=24, decomposed=0

; The appearance of the last image depends upon whether the next line is commented out
device, get_decomposed=isDecomposed

; Load grayscale color tables
r = indgen(256)
g = indgen(256)
b = indgen(256)
tvlct, r, g, b

; Make a simple image and display it
image = indgen(128,128)
image = bytscl(image)
window, 30, xsize=128, ysize=128
tv, image

stop ; and look at the pretty grayscale image

; Now reload the color tables so that only a red component is present.
g(*)=0
b(*)=0
tvlct, r, g, b

tv, image  ; Hopefully, I'm seeing red

end
```