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Subject: 16-bit color

Posted by [James Kuyper](#) on Mon, 12 Nov 2001 18:04:47 GMT

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I would like to display RGB images, with, for instance higher values for the Red component causing redder colors, and higher values of the blue component making them bluer. I used to be able to do that pretty easily, using the

```
tv,image,/true
```

However, since I've been moved to a Linux workstation, it doesn't work. I could provide detailed symptoms if you want, but it's obviously a configuration problem, so maybe the easiest way is to ask how I need to configure my IDL session to display these things properly. Attached is a copy of the xdpinfo output for my system. What device commands should I use?

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```
James Kuyper
MODIS Level 1 Lead
Science Data Support Team
(301) 352-2150
name of display:  :0.0
version number:  11.0
vendor string:   The XFree86 Project, Inc
vendor release number:  3360
maximum request size: 4194300 bytes
motion buffer size: 256
bitmap unit, bit order, padding: 32, LSBFirst, 32
image byte order:  LSBFirst
number of supported pixmap formats: 2
supported pixmap formats:
  depth 1, bits_per_pixel 1, scanline_pad 32
  depth 16, bits_per_pixel 16, scanline_pad 32
keycode range:  minimum 8, maximum 134
focus: window 0x340000e, revert to PointerRoot
number of extensions: 19
  BIG-REQUESTS
  DOUBLE-BUFFER
  DPMS
  LBX
  MIT-SCREEN-SAVER
  MIT-SHM
  MIT-SUNDRY-NONSTANDARD
  RECORD
  SECURITY
  SHAPE
```

SYNC  
XC-APPGROUP  
XC-MISC  
XFree86-DGA  
XFree86-Misc  
XFree86-VidModeExtension  
XInputExtension  
XKEYBOARD  
XTEST

default screen number: 0  
number of screens: 1

screen #0:

dimensions: 1152x864 pixels (390x293 millimeters)

resolution: 75x75 dots per inch

depths (1): 16

root window id: 0x26

depth of root window: 16 planes

number of colormaps: minimum 1, maximum 1

default colormap: 0x23

default number of colormap cells: 64

preallocated pixels: black 0, white 65535

options: backing-store YES, save-unders YES

largest cursor: 64x64

current input event mask: 0xf8603f

KeyPressMask	KeyReleaseMask	ButtonPressMask
ButtonReleaseMask	EnterWindowMask	LeaveWindowMask
ButtonMotionMask	KeymapStateMask	SubstructureNotifyMask
SubstructureRedirectMask	FocusChangeMask	PropertyChangeMask
ColormapChangeMask		

number of visuals: 1

default visual id: 0x22

visual:

visual id: 0x22

class: TrueColor

depth: 16 planes

available colormap entries: 64 per subfield

red, green, blue masks: 0xf800, 0x7e0, 0x1f

significant bits in color specification: 6 bits

## File Attachments

1) [xdpyinfo.out](#), downloaded 123 times

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Subject: Re: 16-bit color

Posted by [Logan Lindquist](#) on Thu, 15 Nov 2001 13:20:59 GMT

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Another good idea would be weekly score cards to rate how satisfied you are with your sysadmin. This could also be filled out after help has been given.

:)

"Logan Lindquist" <llindquisit@mrdoc.cc> wrote in message news:9t0fd1\$6hj\$1@sulawesi-fi.lerc.nasa.gov...

> "David Fanning" <david@dfanning.com> wrote in message

> news:MPG.1659f5118186501f989767@news.frii.com...

>> James Kuyper (kuyper@gscmail.gsfc.nasa.gov) writes:

>

>

> Do they teach sysadmins to make the process of getting their help to be  
> difficult as possible in order to keep the number of questions to a  
minimum?

> Maybe if they had a task sheet that everyone could see and sign up for  
help,

> we would be a lot less likely to think they are a bunch of power hungry  
lazy

> ass-holes.

>

> :)

>

>

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Subject: Re: 16-bit color

Posted by [Paul van Delst](#) on Thu, 15 Nov 2001 15:00:36 GMT

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Logan Lindquist wrote:

>

> Another good idea would be weekly score cards to rate how satisfied you are

> with your sysadmin. This could also be filled out after help has been given.

As long as they're allowed the same forum to express their opinions of your questions. It would give you management an idea of how much more training you might need.

I prefer the egalitarian rather than the elitist approach.

paulv

--

Paul van Delst            Religious and cultural  
CIMSS @ NOAA/NCEP        purity is a fundamentalist  
Ph: (301)763-8000 x7274    fantasy  
Fax:(301)763-8545         V.S.Naipaul

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Subject: Re: 16-bit color

Posted by [Nigel Wade](#) on Thu, 15 Nov 2001 15:05:08 GMT

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Logan Lindquist wrote:

> Another good idea would be weekly score cards to rate how satisfied you  
> are with your sysadmin. This could also be filled out after help has been  
> given.

>

>

Along with a score card for the sys admin to rate the cluelessness of the users, and perhaps a prize for the daftest request of the week?

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