
Subject: Re: how to save the xobjview image into a file IN COLOR ?

Posted by [David Fanning](#) on Fri, 02 Nov 2001 20:21:24 GMT

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seunghun lee (shl@nist.gov) writes:

- > i am using the comman xobjview to plot a 3D crystal structure.
- > when i try to print the color image into a file,
- > it saves the image in black and white.
- > can i save in color ?

The short answer is, get something like HyperSnap that can take a screen snapshot for you and save it as a JPEG file that can be printed from almost any application you have on your computer.

The long answer is.... No, forget it. You really don't want to know the long answer.

Cheers,

David

P.S. And I don't have time today to tell you. :-)

--

David W. Fanning, Ph.D.

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: how to save the xobjview image into a file IN COLOR ?

Posted by [Dick Jackson](#) on Fri, 02 Nov 2001 23:15:52 GMT

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"seunghun lee" <shl@nist.gov> wrote in message
news:31b36665.0111021152.1e438bc6@posting.google.com...

- > i am using the comman xobjview to plot a 3D crystal structure.
- > when i try to print the color image into a file,
- > it saves the image in black and white.
- > can i save in color ?
- > any help ?

I don't see this problem here. When I run (for example):

IDL> XObjView, /Test

... and I choose the File menu item "Print..." and I am using a *color* PostScript printer driver, it creates a color PostScript file just as I want.

(as well, the File menu item "Export Image..." saves a very nice color image file, if that's of any help)

Cheers,

--

-Dick

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Calgary, Alberta, Canada / +1-403-242-7398 / Fax: 241-7392

Subject: Re: how to save the xobjview image into a file IN COLOR ?
Posted by [David Fanning](#) on Fri, 02 Nov 2001 23:36:48 GMT
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Dick Jackson (dick@d-jackson.com) writes:

> I don't see this problem here. When I run (for example):
>
> IDL> XObjView, /Test
>
> ... and I choose the File menu item "Print..." and I am using a *color*
> PostScript printer driver, it creates a color PostScript file just as I
> want.
>
> (as well, the File menu item "Export Image..." saves a very nice color image
> file, if that's of any help)

There is something funny going on here that I haven't been able to put my finger on yet. I have a color Inkjet 990cse and I swear about 60% of the time I can't get any color out of object graphics programs at all.

So, surprised at Dick's suggestion, I just tried to print. Sure enough, out of my printer comes a gray-scale plot. OK, try the file thing. I used an Apple Postscript color driver. Sure enough, that showed up in color when viewed in Ghostview. Humm. Try printing again to my Inkjet. What!? Now it's in color!

Very, very strange. :-(

I know this has happened to me before because I was trying to get a color print for a client the other day and couldn't. I had to resort to a screen snapshot.

Oh, well, something to chew on over the weekend. The leaves will take care of themselves.

Cheers,

David

--

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Subject: Re: how to save the xobjview image into a file IN COLOR ?

Posted by [David Fanning](#) on Fri, 02 Nov 2001 23:57:31 GMT

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David Fanning (david@dfanning.com) writes:

- > So, surprised at Dick's suggestion, I just
- > tried to print. Sure enough, out of my printer
- > comes a gray-scale plot. OK, try the file
- > thing. I used an Apple Postscript color driver.
- > Sure enough, that showed up in color when viewed
- > in Ghostview. Humm. Try printing again to my
- > Inkjet. What!? Now it's in color!

You know what this reminds me of?

When I was trying to learn how to switch the PRINTER between portrait and landscape mode, I'd try a Landscape plot, it would come out in Portrait. I'd try a portrait, it would come out in Landscape. What the...!?

Finally, I realized that you can't change the orientation of the printer at the same time you try to change other printer settings. You have to do it on a separate DEVICE, Landscape=1 line.

I wonder if color is the same thing?

Have to go play tennis. Just a thought.

Cheers,

David

--

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Subject: Re: how to save the xobjview image into a file IN COLOR ?

Posted by [Pavel A. Romashkin](#) on Sat, 03 Nov 2001 05:33:38 GMT

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David Fanning" <david@dfanning.com> wrote in message
news:MPG.164cdbff68d2a47198974a@news.frii.com...

- > Sure enough, out of my printer
- > comes a gray-scale plot. OK, try the file
- > thing. I used an Apple Postscript color driver.
- > Sure enough, that showed up in color when viewed
- > in Ghostview. Humm. Try printing again to my
- > Inkjet. What!? Now it's in color!
- >
- > Very, very strange.

I can not help, but I can sympathize.

Just a couple of days ago I sent a postscript file, looking perfectly in GhostView and Illustrator, to a PS printer. The printer (in fact, a high speed copier) was on the third floor, I am on the second. And the damn printer is **really** fast. By the time I got there about 200 pages of were out, and in those 10 s it took me to realize something was fishy, at least another 50 came out. I frantically reset the printer, which was printing... all my 10 Mb PS file in ASCII.

Oh well. Now I have enough scratch paper for myself for a year and for David to finish the objects book.

BTW, the same file printed fine the next time. Computers, you know.

Cheers,

Pavel

Subject: Re: how to save the xobjview image into a file IN COLOR ?

Posted by [newt](#) on Sat, 03 Nov 2001 18:20:34 GMT

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Pavel Romashkin wrote:

> David Fanning" <david@dfanning.com> wrote in message
> news:MPG.164cdbff68d2a47198974a@news.frii.com...
>
>> Sure enough, out of my printer
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> another 50 came out. I frantically reset the printer, which was printing...
> all my 10 Mb PS file in ASCII.
> Oh well. Now I have enough scratch paper for myself for a year and for David
> to finish the objects book.
> BTW, the same file printed fine the next time. Computers, you know.
>
> Cheers,
> Pavel

If you still have the postscript file, take a look at it in a text viewer, many times I've seen Windows postscript drivers insert PCL comands into the first few lines of a PS file, trying to 'set' the printer to PS mode. Our HP printers toggle on / off PCL commands, so if you print one of these files while the printer is in PS-mode, it kicks it into PCL-mode and prints the pages and pages of the text of the postscript file. Ghostview ignores these commands, and will display the file correctly. My guess is that the printer was left in an unusual state from a previous print job and that's why it prints fine later. I've always had problems with postscript and Windows, were the files created on a WindowsXX system? My fix was (is) to open the ps file in a text editor (vi) and dd those 3-4 lines, then things print fine. I've also seen that color can come or go depending on the printer / printer driver you use. It seems postscript is only a standard in theory, in practice it seems highly device dependent!

Subject: Re: how to save the xobjview image into a file IN COLOR ?

Posted by [shl](#) on Tue, 06 Nov 2001 13:50:47 GMT

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hi, all,

thank you all for answering my question.

i could save the image in color in the format of "jpeg" or "tiff"

but the quality of the image is not good enough for me.

i'd like to publish the image in a journal

and it has to be postscript quality.

now, i tried to save the image into postscript file

by clicking "print" button and selecting "to file" or something.

when the printer is set to a black-and-white printer,

xobjview saves the image in the ps file ok. and of course in blackandwhite.

gv and xv can read it.

but if the printer is set to a color printer,

the ps file is unreadable by gv or xv. it is not just the window problem

adding a few lines for the printer setting at the top of the ps file.

the whole ps file is just unreadable.

do i have to set up the color printer properly ?

i tried to run the xobjview in one of my linux box.

but even when i set my default printer to be a color printer,

xobjview saves in blackandwhite.

and there is no button to select it to be color.

thanks in advance, seunghun
