

---

Subject: Re: Colormap in idl -vm

Posted by [David Fanning](#) on Wed, 24 Mar 2004 14:33:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

PJL writes:

> I have this same colormap problem in IDL Virtual Machine on an SGI  
> running IRIX 6.5. Adding the DEVICE, DECOMPOSED=0 does not help.

Well, I'm not overly fond of using DEVICE DECOMPOSED  
in code anyway. Plays havoc with what you are trying  
to do, usually.

I prefer using device-independent color methods. Here is  
a Virtual Machine test program that uses FSC\_COLOR to  
load colors. You can find FSC\_COLOR here:

[http://www.dfanning.com/programs/fsc\\_color.pro](http://www.dfanning.com/programs/fsc_color.pro)

Do this:

1. Start a fresh IDL session.

2. Compile VM\_TEST

IDL> .compile vm\_test

3. Type RESOLVE\_ALL:

IDL> Resolve\_All

4. Save the routines in a save file:

IDL> Save, Filename='vm\_test.sav', /Routines

5. Exit IDL.

Now run the save file in the Virtual Machine. What colors  
are you seeing?

Cheers,

David

```
*****  
;  
PRO VM_TEST_EVENT, event  
  Widget_Control, event.top, /Destroy  
END
```

## PRO VM\_TEST

```
base = Widget_Base(Column=1)
draw = Widget_Draw(base, XSize=400, YSize=400)
button = Widget_Button(base, Value='Quit')
Widget_Control, base, /Realize
```

```
bg = FSC_Color('charcoal', !D.Table_Size-2)
ac = FSC_Color('green', !D.Table_Size-3)
dc = FSC_Color('yellow', !D.Table_Size-4)
```

```
Plot, Findgen(11), Background=bg, Color=ac, /NoData
OPlot, Findgen(11), Color=dc
```

```
XManager, 'vm_test', base
```

END

```
.*****
;
```

--

David Fanning, Ph.D.

Fanning Software Consulting

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

---