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Subject: Re: Coyote Color Program Updates  
Posted by [wlandsman](#) on Fri, 16 May 2008 16:45:47 GMT  
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On May 16, 11:42 am, Jeremy Bailin <astroco...@gmail.com> wrote:  
> On the subject of useful colour tables, does anyone have a good  
> "velocity map" colour table? Something that goes from red through  
> green to blue, kind of like PRISM, but that becomes significantly non-  
> green closer to 128 that goes to strong-red and strong-blue at the  
> ends rather than at intermediate indices?  
>

You might look at some very old procedures in the solar library  
[http://sohowww.nascom.nasa.gov/solarsoft/gen/idl/display/form\\_vel.pro](http://sohowww.nascom.nasa.gov/solarsoft/gen/idl/display/form_vel.pro) (to load a velocity table), [load\\_vel.pro](#) (to process an image for display with a color table), and [combine\\_vel.pro](#) (to display both intensity and velocity).

From the FORM\_VEL documentation:

```
; When used with LOAD_VEL, positive velocities will be shown in blue,  
negative  
; velocities in red (or visa-versa), velocities at or near zero will  
be  
; shown in grey, and missing pixels will be black.
```

--Wayne

P.S. These procedures have a lot of dependencies so I might just use them for ideas, if you don't have the solar library already installed.

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