



...June 24, 2018...

...HSV Vibrance Saturation Adjustment using PWP8...

The PWP8 script: copy and paste to Notepad, name and Save As... with a *.script extension...

Reference: [Using Win10's Notepad as a 'plain text' editor for PWP8 scripts](#)

```

script 1.0
color_management enabled 0 on_mismatch 0 acs_profile "" gray_acs_profile "" wcs_profile ""
gray_wcs_profile "" monitor_curves_file "" monitor_curves_enabled 0

image index 1 caption "color_hexagon_HSV-V=100-1-1_Notated-1.tif" parent -1 bypass -1 same_size 0
size_specific 0 n_inputs 0 n_masks 0 command "file_open pathname "" filetype ""
end_image

image index 2 caption "Color Curves" parent 1 bypass 0 same_size 1 size_specific 0 n_inputs 0 n_masks
1 command "color_curves 0 curve1 2 2 0 128 255 128 curve2 5 2 0 0 18 26 89 166 204 222 255 255
curve3 2 2 0 0 255 255 colorspace 0 component 1 mask_histogram 0 amount 0 1 0 0 "Amount: " "Mask"
display 2 sync_scroll 1 auto_preview 1"
mask base_image 2 mask_number 0 base_input_index -1 initial_image -1 initial_mask_index -1
initial_level 0 caption "Mask" command "mask 0 nx 660 ny 720 mask_color 0 mask_transparency 5
initial_level 0 n_op 2 command1 operation 7 mask_mode 0 mask_operation 7 colorspace 0 sample ff
minb1 113 maxb1 993 minb2 0 maxb2 1024 minb3 0 maxb3 1024 minw1 143 maxw1 963 minw2 0
maxw2 1024 minw3 0 maxw3 1024 command2 operation 7 mask_mode 2 mask_operation 7 colorspace
0 sample ff minb1 0 maxb1 1024 minb2 0 maxb2 922 minb3 0 maxb3 1024 minw1 0 maxw1 1024 minw2
0 maxw2 845 minw3 0 maxw3 1024 "
end_image

end

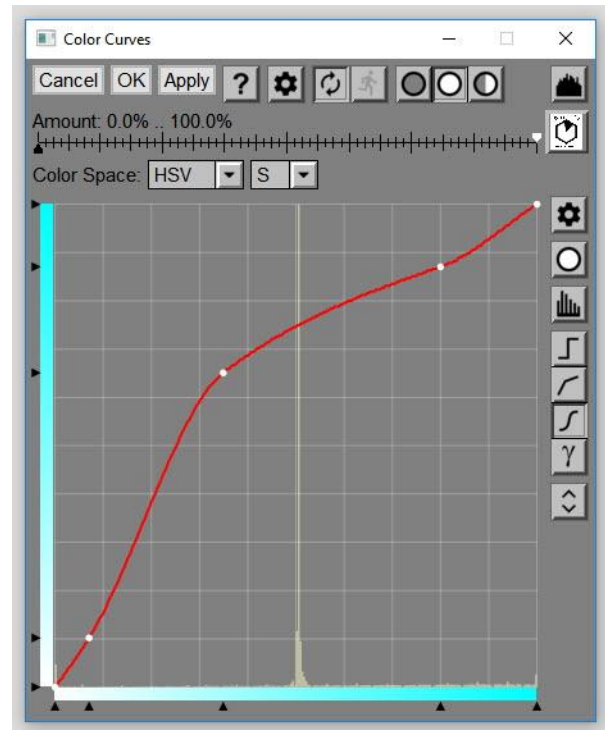
```

#####

Annotations:

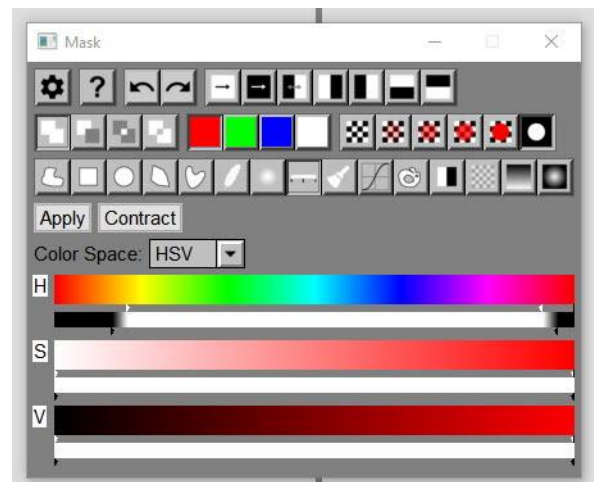
A HSV-S Color Curves saturation adjustment script with a Vibrance Color Range Mask where white masks the 11 to 97% Hues; 0 to 90% Saturations; for all 0 to 100% Values with 3% (Hue range) and 7.5% (Saturation range) feathering.

color_curves 0 -- -- [HSV color space]
curve1 2 2 -- -- [Hue channel; 2 control points;
horizontal vertical pairs]
0 128 255 128 -- -- [horizontal line at 50%
vertical; scale = 0 to 255]
curve2 5 2 -- -- [Saturation channel; 5 control
points; horizontal vertical pairs]
0 0 18 26 89 166 204 222 255 255 -- -- [spline
curve starting at 0,0%; ending at 100,100%;
resolution = 0 to 255]
curve3 2 2 -- -- [Value channel; 2 control points;
horizontal vertical pairs]
0 0 255 255 -- -- [diagonal line starting at 0,0%;
ending at 100,100%; resolution = 0 to 255]

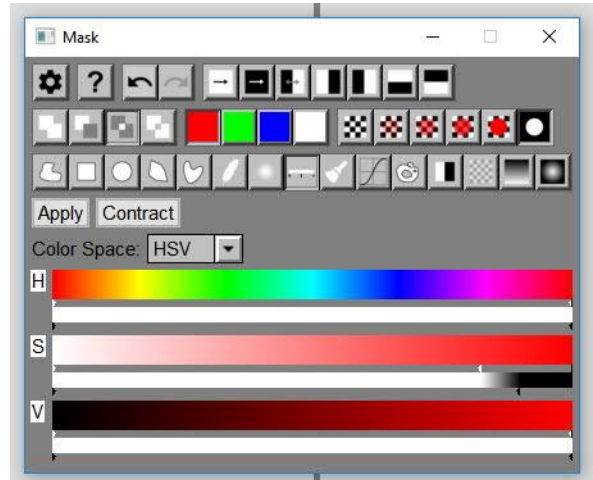


For the mask, the Saturation range [command2, mask_mode2] is Overlap Apply-ed to the Hue range's Add Apply [command1, mask_mode0] where the Color Space is HSV [colorspace 0].

command1 operation 7 -- -- [mask white: 11 to
97% Hues, 0 to 100% Saturations, 0 to 100%
Values; 3% feather]
mask_mode 0 mask_operation 7 -- -- [Add
Apply]
colorspace 0 sample ff -- -- [HSV color space]
minb1 113 maxb1 993 -- -- [Hue channel:
minimum black slider position, 11%; maximum
black slider position, 97%; resolution = 0 to
1024]
minb2 0 maxb2 1024
minb3 0 maxb3 1024
minw1 143 maxw1 963 -- -- [Hue channel:
minimum white slider position, 14%; maximum
white slider position, 94%; resolution = 0 to
1024]
minw2 0 maxw2 1024
minw3 0 maxw3 1024



command2 operation 7 -- -- [mask white: 0 to 100% Hues, 0 to 90% Saturations, 0 to 100% Values; 7.5% feather]
mask_mode 2 mask_operation 7 -- -- [Overlap Apply]
colorspace 0 sample ff -- -- [HSV color space]
minb1 0 maxb1 1024
minb2 0 maxb2 922 -- -- [Saturation channel: minimum black slider position, 0%; maximum black slider position, 90%; resolution = 0 to 1024]
minb3 0 maxb3 1024
minw1 0 maxw1 1024
minw2 0 maxw2 845 -- -- [Saturation channel: minimum white slider position, 0%; maximum white slider position, 82.5%; resolution = 0 to 1024]
minw3 0 maxw3 1024



...PWP8 HSV Vibrance Saturation Adjustment ScreenView...

