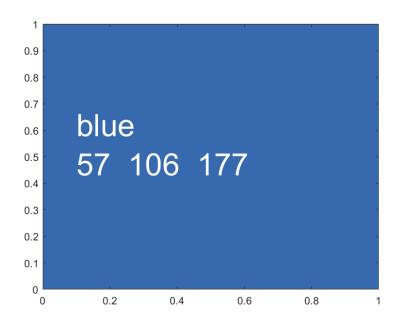
Matlab Graph Safe Colors for Web, Presentation and Publications Examples

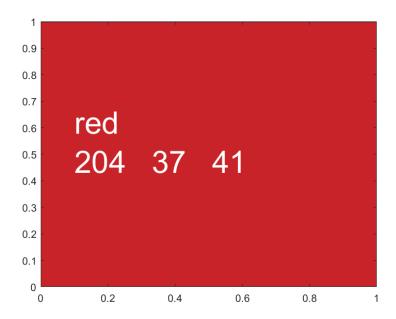
back to Fan's Intro Math for Econ, Matlab Examples, or Dynamic Asset Repositories

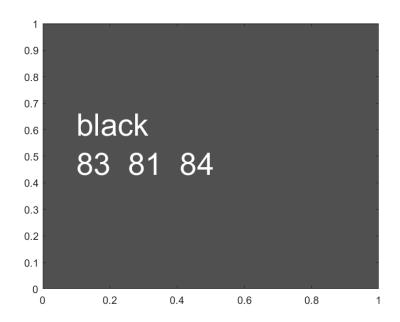
Good Colors to Use Darker

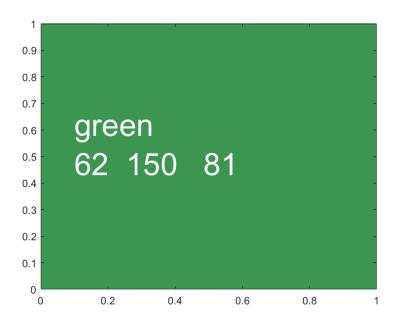
Nice darker light colors to use in matlab.

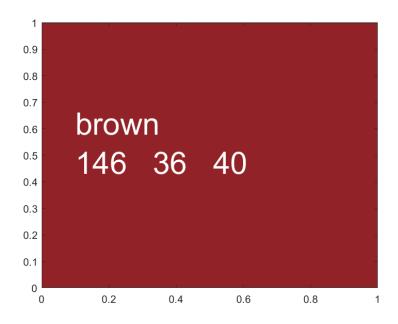
```
close all
blue = [57 106 177]./255;
red = [204 \ 37 \ 41]./255;
black = [83 81 84]./255;
green = [62\ 150\ 81]./255;
brown = [146 \ 36 \ 40]./255;
purple = [107 76 154]./255;
cl_colors = {blue, red, black, ...
             green, brown, purple};
cl_str_clr_names = ["blue", "red", "black", "green", "brown", "purple"];
for it_color=1:length(cl_colors)
    figure();
    x = [0 \ 1 \ 1 \ 0];
    y = [0 \ 0 \ 1 \ 1];
    fill(x, y, cl colors{it color});
    st_text = [cl_str_clr_names(it_color) num2str(round(cl_colors{it_color}*255))];
    hText = text(.10,.55, st_text);
    hText.Color = 'white';
    hText.FontSize = 30;
    snapnow;
end
```

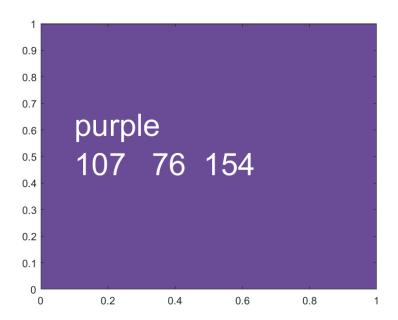












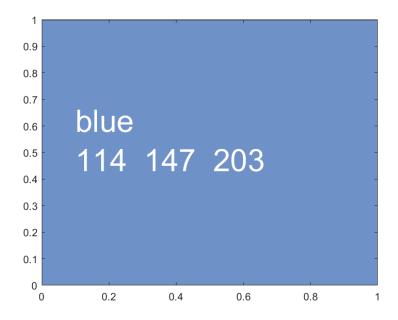
Good Colors to Use Lighter

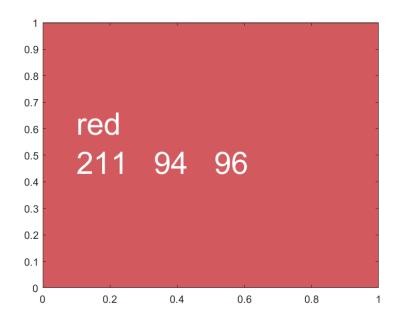
Nice ligher colors to use in matlab.

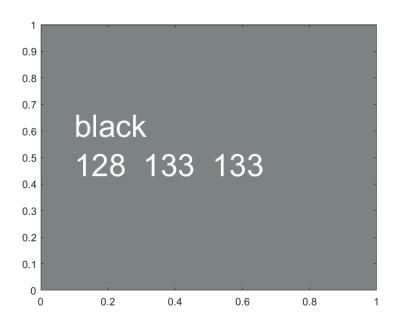
```
cl_str_clr_names = ["blue", "red", "black", "green", "brown", "purple"];
for it_color=1:length(cl_colors)

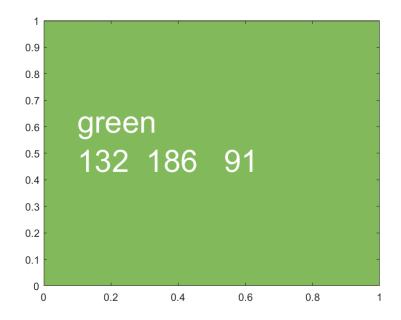
    figure();
    x = [0 1 1 0];
    y = [0 0 1 1];
    fill(x, y, cl_colors{it_color});

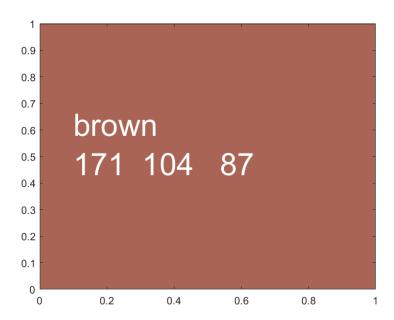
st_text = [cl_str_clr_names(it_color) num2str(round(cl_colors{it_color}*255))];
hText = text(.10,.55, st_text);
hText.Color = 'white';
hText.FontSize = 30;
snapnow;
```

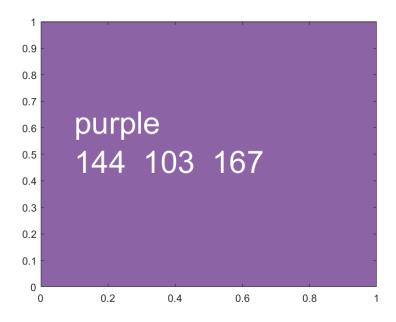












Matlab has a graphical tool for picking color

Enter uisetcolor pick color from new window and color values will appear uisetcolor

```
% Color Pickers
% uisetcolor
```

Picked Color use

```
figure();
hold on;

x = rand([10,1]);
y = rand([10,1]);

% Then can use for plot
plot(x,y,'Color',[.61 .51 .74]);

% Can use for Scatter
scatter(x, y, 10, ...
    'MarkerEdgeColor', [.61 .51 .74], 'MarkerFaceAlpha', 0.1, ...
    'MarkerFaceColor', [.61 .51 .74], 'MarkerEdgeAlpha', 0.1);
```

