

Converting Colors

YIQ(129.8880, 95.4050, 38.6130)

Have a look what the booklet for
YIQ(129.8880, 95.4050, 38.6130)
contains.

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Color

**YIQ(129.8880, 95.4050,
38.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	F54F5A
RGB	245, 79, 90
RGB Percent	96%, 31%, 35%
CMY	0.0388, 0.6904, 0.6467
CMYK	0.00, 0.68, 0.63, 0.04
HSL	356°, 89%, 64%
HSV	356°, 68%, 96%
XYZ	42.3324, 25.7526, 12.4335
YIQ	129.8880, 95.4050, 38.6130

Conversions

Conversions Part 2

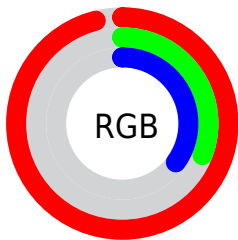
Format	Color
R_{YB}	245, 79, 90
Decimal	16076634
CIE Lab	57.80, 63.73, 30.21
CIE LCh	58, 70.529, 25.365
Yxy	25.7526, 0.5257, 0.3198
Android (android.graphics.Color)	4294266714 (0xFFFF54F5A)
YUV	129.8880, -19.6648, 100.9532
Hunter-Lab	50.7470, 60.0946, 20.9963

Details

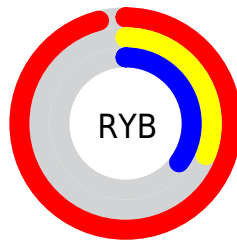
The YIQ color **129.8880, 95.4050, 38.6130** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **194.1120, -95.4050, -38.6130**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.6240, 69.3650, 25.9490**, and **59.4340, 94.3480, 52.2680** is the 20% darker color. If you saturate the color by 10%, you get **112.5910, 109.6630, 44.5350**, and if you desaturate by 10%, it is **146.5980, 81.4220, 33.2140**.

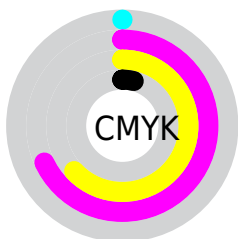
Distribution



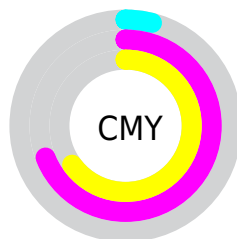
- Red (96%)
- Green (31%)
- Blue (35%)



- Red (96%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (68%)
- Yellow (63%)
- Black (4%)





- Cyan (4%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.8880, 95.4050, 38.6130 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 129.8880, 95.4050, 38.6130 by changing the saturation by 10% instead.


 129.8880, 95.4050,
38.6130


 129.8880, 95.4050,
38.6130


255.0000, -0.0000,
-0.0000


 98.9140, 92.5160,
41.4120


 172.6240, 69.3650,
25.9490


 59.5480, 94.0270,
52.5790


 192.1380, 52.9980,
19.7020

 47.8850, 82.2920,
39.4760


 212.2390, 36.3560,
12.9320

 35.8800, 71.5200,
25.4400

 233.0410, 19.1180,
5.9500

 26.7250, 52.7230,
19.1790

 253.8430, 1.8800,
-1.0320

 18.5810, 35.3930,
13.8650

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 129.8880, 95.4050,
38.6130

■ 129.8880, 95.4050,
38.6130

■ 112.5910,
109.6630, 44.5350

■ 146.5980, 81.4220,
33.2140

■ 95.8810, 123.6460,
49.9340

■ 163.8950, 67.1640,
27.2920

■ 78.6980, 137.5830,
56.1670

■ 180.6050, 53.1810,
21.8930

■ 75.0790, 140.8840,
56.9160

■ 197.9020, 38.9230,
15.9710

■ 214.4980, 25.2610,
10.2610

231.7950, 11.0030,
4.3390

249.0920, -3.2550,
-1.5830

252.0100, -5.9600,
-2.1200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



131.8360, 75.9610, 60.6090



129.8880, 95.4050, 38.6130



132.2370, 91.4230, 0.6310

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



129.8880, 95.4050, 38.6130



101.6890, -64.4980, -64.6100



116.5330, -122.8300, 1.3780

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



129.8880, 95.4050, 38.6130



194.1120, -95.4050, -38.6130

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



122.4540, -121.5900, -10.0860



129.8880, 95.4050, 38.6130



111.9200, -86.4170, -47.3210

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



129.8880, 95.4050, 38.6130



123.3210, 27.6110, -54.3810



119.1020, -106.6400, -27.7280



137.5480, -46.9560, 36.0200

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



129.8880, 95.4050, 38.6130



130.7830, 80.0570, -24.6710



119.1020, -106.6400, -27.7280



120.0550, -124.4800, -1.7600

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



129.8880, 95.4050, 38.6130



219.5910, 29.4330, 11.7450



143.3720, 37.3060, 83.8500



106.4970, 17.8340, 7.1940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



129.8880, 95.4050, 38.6130



111.4890, 118.8780, 48.2380



169.1370, 79.9610, -0.8950



113.7020, 6.8310, 2.8550



56.9820, 107.0040, 43.1640



18.0970, 33.8800, 13.7520

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



129.8880, 95.4050, 38.6130



111.4890, 118.8780, 48.2380



154.8630, -79.9610, 0.8950



113.7020, 6.8310, 2.8550



56.9820, 107.0040, 43.1640



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 129.8880, 95.4050, 38.6130 looks on a white background.

Color Contrast Check

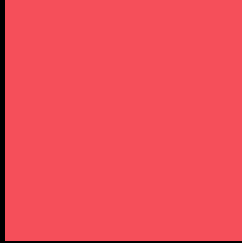
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 129.8880, 95.4050, 38.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 129.8880, 95.4050, 38.6130

Background



This preview shows how black text looks on a background with the YIQ color 129.8880, 95.4050, 38.6130.



This preview shows how white text looks on a background with the YIQ color 129.8880, 95.4050,

38.6130.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

129.8880, 95.4050, 38.6130

Protanopia

138.6560, 12.4720, -5.7680

Deuteranopia

137.9500, 37.8270, -8.2290



Tritanopia

129.7910, 97.0560, 36.2240

Trichromacy



Original Color

129.8880, 95.4050, 38.6130

Protanomaly

135.4800, 42.8670, 10.5710

Deuteranomaly

134.9240, 59.0520, 9.1000

Tritanomaly

130.0190, 96.4140, 36.8460

Monochromacy



Original Color

129.8880, 95.4050, 38.6130

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.6950, 35.0720, 14.1760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8880, 95.4050, 38.6130 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 79, 90)` looks like.

```
.text, #text, p{  
    color:rgb(245, 79, 90)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 79, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 79, 90) }
```

Border

The CSS property to change the border of an element to YIQ 129.8880, 95.4050, 38.6130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 79, 90) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 79, 90) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 79, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 79, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 79, 90);  
box-shadow:4px 4px 4px 4px rgb(245, 79,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8880, 95.4050, 38.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 79, 90) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245, 79,  
90) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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