

# Converting Colors

YIQ(158.0270, 75.6000, 28.5920)

Have a look what the booklet for  
YIQ(158.0270, 75.6000, 28.5920)  
contains.

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# Color

**YIQ(158.0270, 75.6000,  
28.5920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8777B
RGB	248, 119, 123
RGB Percent	97%, 47%, 48%
CMY	0.0271, 0.5335, 0.5173
CMYK	0.00, 0.52, 0.50, 0.03
HSL	358°, 90%, 72%
HSV	358°, 52%, 97%
XYZ	48.9097, 34.5836, 22.8612
YIQ	158.0270, 75.6000, 28.5920

# Conversions

## Conversions Part 2

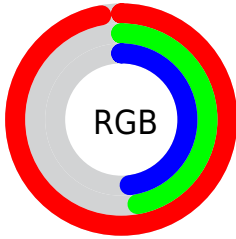
Format	Color
R <sub>Y</sub> B	248, 119, 123
Decimal	16283515
CIE Lab	65.42, 49.71, 21.51
CIE LCh	65, 54.165, 23.402
Yxy	34.5836, 0.4599, 0.3252
Android (android.graphics.Color)	4294473595 (0xFFFF8777B)
YUV	158.0270, -17.2683, 78.9063
Hunter-Lab	58.8078, 45.5423, 18.1168

# Details

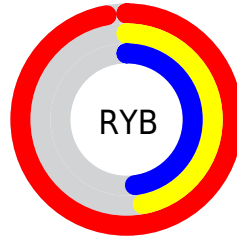
The YIQ color **158.0270, 75.6000, 28.5920** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **208.9730, -75.6000, -28.5920**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3330, 47.9550, 17.4830**, and **102.5040, 69.8230, 28.6630** is the 20% darker color. If you saturate the color by 10%, you get **140.6160, 90.1790, 34.2030**, and if you desaturate by 10%, it is **175.4380, 61.0210, 22.9810**.

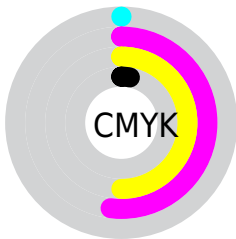
# Distribution



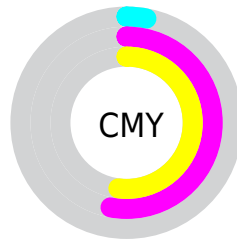
- Red (97%)
- Green (47%)
- Blue (48%)



- Red (97%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (52%)
- Yellow (50%)
- Black (3%)




- Cyan (3%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 158.0270, 75.6000, 28.5920 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 158.0270, 75.6000, 28.5920 by changing the saturation by 10% instead.





 158.0270, 75.6000,  
28.5920


 158.0270, 75.6000,  
28.5920


255.0000, -0.0000,  
-0.0000


 130.0590, 72.5740,  
28.3660


 198.3330, 47.9550,  
17.4830


 102.5040, 69.8230,  
28.6630


 217.9610, 31.2670,  
11.5470

 74.0030, 66.9800,  
30.6280

 238.1760, 14.3040,  
5.0880

 41.8060, 66.3370,  
36.7770

 30.5130, 56.4360,  
23.4760

 20.9300, 41.7200,  
14.8400

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,  
0.0000

■ 158.0270, 75.6000,  
28.5920

■ 158.0270, 75.6000,  
28.5920

■ 140.6160, 90.1790,  
34.2030

■ 175.4380, 61.0210,  
22.9810

■ 123.2050,  
104.7580, 39.8140

■ 192.8490, 46.4420,  
17.3700

■ 106.3810,  
119.0620, 44.9020

■ 209.6730, 32.1380,  
12.2820

■ 88.9700, 133.6410,  
50.5130

■ 227.0840, 17.5590,  
6.6710

■ 75.0640, 145.2400,  
55.0640

■ 244.4950, 2.9800,  
1.0600

252.9070, -4.1720,  
-1.4840

# Harmonies

## Analogous

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



160.6450, 56.8450, 43.6050



158.0270, 75.6000, 28.5920



156.7760, 73.9080, 4.1800

# Triad

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



158.0270, 75.6000, 28.5920



141.6820, -27.0890, -43.2250



127.0990, -127.7800, -8.0360

# Complementary

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



158.0270, 75.6000, 28.5920



208.9730, -75.6000, -28.5920

# 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.



131.3900, -124.7060, -19.6980



158.0270, 75.6000, 28.5920



123.4780, -96.9160, -49.7800

# Square

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



158.0270, 75.6000, 28.5920



150.4630, 22.0600, -36.3720



129.7650, -113.2410, -34.7530



159.0790, -35.6300, 28.9940



# Rectangle

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



158.0270, 75.6000, 28.5920



155.6630, 63.3200, -13.1920



129.7650, -113.2410, -34.7530



129.5780, -127.8710, -11.8950

# Sweetspot

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



158.0270, 75.6000, 28.5920



226.4870, 23.7940, 9.3140



171.0810, 33.0910, 66.6190



110.5890, 14.5790, 5.6110



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.



158.0270, 75.6000, 28.5920



144.8120, 92.5630, 35.0510



192.7910, 60.3840, -4.0320



116.0010, 7.4270, 3.0670



57.1950, 110.7180, 41.9340



18.4670, 35.7140, 13.5540



# Inverse Universe

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



158.0270, 75.6000, 28.5920



144.8120, 92.5630, 35.0510



174.2090, -60.3840, 4.0320



116.0010, 7.4270, 3.0670



57.1950, 110.7180, 41.9340



18.4670, 35.7140, 13.5540



# Previews

## White Background



This preview shows how the YIQ color 158.0270, 75.6000, 28.5920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

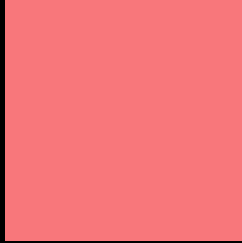
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 158.0270, 75.6000, 28.5920 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 ✓ Pass

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

# YIQ 158.0270, 75.6000, 28.5920

## Background



This preview shows how black text looks on a background with the YIQ color 158.0270, 75.6000, 28.5920.



This preview shows how white text looks on a background with the YIQ color 158.0270, 75.6000,



# 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

158.0270, 75.6000, 28.5920

### Protanopia

159.1550, 9.6290, -3.8030

### Deuteranopia

159.3610, 32.4160, -3.7760



## Tritanopia

157.8960, 74.5910, 30.3590

# Trichromacy



## Original Color

158.0270, 75.6000, 28.5920

## Protanomaly

158.5220, 33.8810, 8.2250

## Deuteranomaly

159.1230, 48.1860, 7.7860

## Tritanomaly

157.7820, 74.9120, 30.0480

# Monochromacy



## Original Color

158.0270, 75.6000, 28.5920

## Achromatopsia

158.0000, -0.0000, 0.0000

## Achromatomaly

158.1670, 27.6910, 10.2750

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 158.0270, 75.6000, 28.5920 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(248, 119, 123)` looks like.

```
.text, #text, p{  
    color:rgb(248, 119, 123)  
}
```

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(248, 119, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 119, 123) }
```

## Border

The CSS property to change the border of an element to YIQ 158.0270, 75.6000, 28.5920 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(248, 119, 123) }
```



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

```
.border{ border-color:rgb(248, 119, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 119, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 119, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 119, 123);  
box-shadow:4px 4px 4px 4px rgb(248, 119,  
123) }
```

# Background

The CSS property to change the background color of an element to YIQ 158.0270, 75.6000, 28.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 119, 123) }
```

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

```
.background{ background-color: rgb(248,  
119, 123) }
```

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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