

Converting Colors

YIQ(158.1410, 75.2790, 28.9030)

Have a look what the booklet for
YIQ(158.1410, 75.2790, 28.9030)
contains.

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Color

**YIQ(158.1410, 75.2790,
28.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	F8777C
RGB	248, 119, 124
RGB Percent	97%, 47%, 49%
CMY	0.0271, 0.5335, 0.5134
CMYK	0.00, 0.52, 0.50, 0.03
HSL	358°, 90%, 72%
HSV	358°, 52%, 97%
XYZ	48.9727, 34.6088, 23.1927
YIQ	158.1410, 75.2790, 28.9030

Conversions

Conversions Part 2

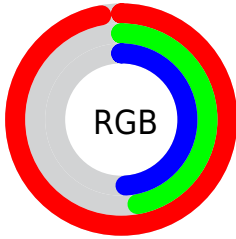
Format	Color
R _Y B	248, 119, 124
Decimal	16283516
CIE Lab	65.44, 49.80, 20.98
CIE LCh	65, 54.034, 22.842
Yxy	34.6088, 0.4587, 0.3241
Android (android.graphics.Color)	4294473596 (0xFFFF8777C)
YUV	158.1410, -16.8315, 78.8063
Hunter-Lab	58.8292, 45.6419, 17.8061

Details

The YIQ color **158.1410, 75.2790, 28.9030** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **208.8590, -75.2790, -28.9030**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4470, 47.6340, 17.7940**, and **102.6180, 69.5020, 28.9740** is the 20% darker color. If you saturate the color by 10%, you get **140.7300, 89.8580, 34.5140**, and if you desaturate by 10%, it is **175.5520, 60.7000, 23.2920**.

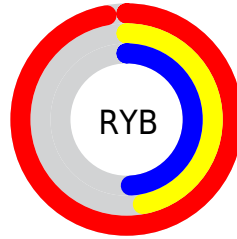
Distribution



Red (97%)

Green (47%)

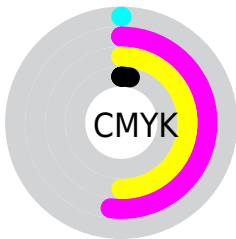
Blue (49%)



Red (97%)

Yellow (47%)

Blue (49%)

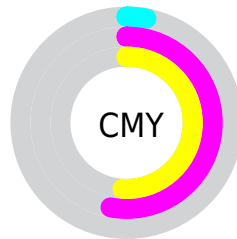


Cyan (0%)

Magenta (52%)

Yellow (50%)

Black (3%)



Cyan (3%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.1410, 75.2790, 28.9030 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 158.1410, 75.2790, 28.9030 by changing the saturation by 10% instead.


 158.1410, 75.2790,
28.9030


 158.1410, 75.2790,
28.9030


255.0000, -0.0000,
-0.0000


 130.1730, 72.2530,
28.6770


 198.5610, 47.3130,
18.1050


 102.6180, 69.5020,
28.9740


 218.0750, 30.9460,
11.8580

 74.1170, 66.6590,
30.9390

 238.2900, 13.9830,
5.3990

 41.9200, 66.0160,
37.0880

 30.6270, 56.1150,
23.7870

 20.9300, 41.7200,
14.8400

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 158.1410, 75.2790,
28.9030

■ 158.1410, 75.2790,
28.9030

■ 140.7300, 89.8580,
34.5140

■ 175.5520, 60.7000,
23.2920

■ 123.3190,
104.4370, 40.1250

■ 192.9630, 46.1210,
17.6810

■ 106.6090,
118.4200, 45.5240

■ 209.7870, 31.8170,
12.5930

■ 89.1980, 132.9990,
51.1350

■ 227.0840, 17.5590,
6.6710

■ 75.2920, 144.5980,
55.6860

■ 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.



160.7590, 56.5240, 43.9160



158.1410, 75.2790, 28.9030



157.1890, 74.1830, 4.7030

Triad

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



158.1410, 75.2790, 28.9030



141.9810, -26.4930, -43.0130



127.6860, -128.0550, -8.5590

Complementary

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



158.1410, 75.2790, 28.9030



208.8590, -75.2790, -28.9030

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.



131.2760, -124.3850, -20.0090



158.1410, 75.2790, 28.9030



123.3640, -96.5950, -50.0910

Square

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



158.1410, 75.2790, 28.9030



150.1750, 22.9310, -35.6370



129.6510, -112.9200, -35.0640



159.3670, -36.5010, 28.2590

Rectangle

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



158.1410, 75.2790, 28.9030



155.4890, 63.8700, -12.1460



129.6510, -112.9200, -35.0640



129.5780, -127.8710, -11.8950

Sweetspot

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



158.1410, 75.2790, 28.9030



226.4870, 23.7940, 9.3140



170.4830, 31.8990, 66.1950



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.



158.1410, 75.2790, 28.9030



144.9260, 92.2420, 35.3620



191.6170, 60.9340, -2.9860



116.0010, 7.4270, 3.0670



57.3090, 110.3970, 42.2450



18.4670, 35.7140, 13.5540

Inverse Universe

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



158.1410, 75.2790, 28.9030



144.9260, 92.2420, 35.3620



175.3830, -60.9340, 2.9860



116.0010, 7.4270, 3.0670



57.3090, 110.3970, 42.2450



18.4670, 35.7140, 13.5540

Previews

White Background



This preview shows how the YIQ color 158.1410, 75.2790, 28.9030 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 158.1410, 75.2790, 28.9030 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 158.1410, 75.2790, 28.9030

Background



This preview shows how black text looks on a background with the YIQ color 158.1410, 75.2790, 28.9030.



This preview shows how white text looks on a background with the YIQ color 158.1410, 75.2790,

28.9030.

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

158.1410, 75.2790, 28.9030

Protanopia

159.2690, 9.3080, -3.4920

Deuteranopia

159.4750, 32.0950, -3.4650



Tritanopia

158.4830, 74.3160, 29.8360

Trichromacy



Original Color

158.1410, 75.2790, 28.9030

Protanomaly

158.6360, 33.5600, 8.5360

Deuteranomaly

159.2370, 47.8650, 8.0970

Tritanomaly

158.3690, 74.6370, 29.5250

Monochromacy



Original Color

158.1410, 75.2790, 28.9030

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.2810, 27.3700, 10.5860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.1410, 75.2790, 28.9030 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(248, 119, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 119, 124) }
```

Border

The CSS property to change the border of an element to YIQ 158.1410, 75.2790, 28.9030 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, 124) }
```


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

```
.border{ border-color:rgb(248, 119, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(248, 119,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 158.1410, 75.2790, 28.9030 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, 124) }
```

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

```
.background{ background-color: rgb(248,  
119, 124) }
```

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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