

Converting Colors

YIQ(158.9780, 77.2960, 30.8960)

Have a look what the booklet for
YIQ(158.9780, 77.2960, 30.8960)
contains.

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Color

**YIQ(158.9780, 77.2960,
30.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	FC767E
RGB	252, 118, 126
RGB Percent	99%, 46%, 49%
CMY	0.0114, 0.5374, 0.5056
CMYK	0.00, 0.53, 0.50, 0.01
HSL	356°, 96%, 73%
HSV	356°, 53%, 99%
XYZ	50.4174, 35.1628, 23.8944
YIQ	158.9780, 77.2960, 30.8960

Conversions

Conversions Part 2

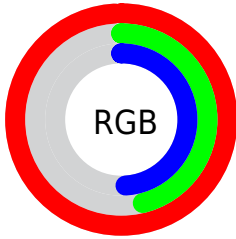
Format	Color
R _Y B	252, 118, 126
Decimal	16545406
CIE Lab	65.88, 51.84, 20.53
CIE LCh	66, 55.754, 21.605
Yxy	35.1628, 0.4605, 0.3212
Android (android.graphics.Color)	4294735486 (0xFFFC767E)
YUV	158.9780, -16.2582, 81.5803
Hunter-Lab	59.2982, 47.9950, 17.6177

Details

The YIQ color **158.9780, 77.2960, 30.8960** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **211.0220, -77.2960, -30.8960**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2020, 46.9460, 19.2500**, and **102.8680, 71.7940, 31.4900** is the 20% darker color. If you saturate the color by 10%, you get **141.5670, 91.8750, 36.5070**, and if you desaturate by 10%, it is **176.3890, 62.7170, 25.2850**.

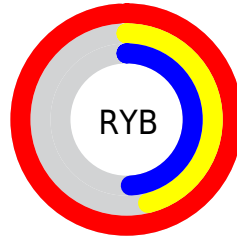
Distribution



Red (99%)

Green (46%)

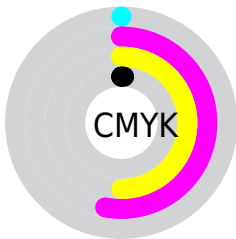
Blue (49%)



Red (99%)

Yellow (46%)

Blue (49%)

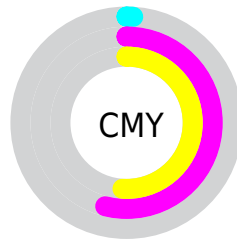


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (1%)



Cyan (1%)


Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.9780, 77.2960, 30.8960 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 158.9780, 77.2960, 30.8960 by changing the saturation by 10% instead.


 158.9780, 77.2960,
30.8960


 158.9780, 77.2960,
30.8960


255.0000, -0.0000,
-0.0000


 131.0100, 74.2700,
30.6700


 198.2020, 46.9460,
19.2500


 102.8680, 71.7940,
31.4900


 218.3030, 30.3040,
12.4800

 74.3670, 68.9510,
33.4550

 238.5180, 13.3410,
6.0210

 42.9310, 67.4830,
38.0350

 31.8660, 56.9400,
25.3560

 21.8270, 43.5080,
15.4760

 13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,
0.0000

■ 158.9780, 77.2960,
30.8960

■ 158.9780, 77.2960,
30.8960

■ 141.5670, 91.8750,
36.5070

■ 176.3890, 62.7170,
25.2850

■ 124.2700,
106.1330, 42.4290

■ 193.6860, 48.4590,
19.3630

■ 106.2720,
120.9870, 48.5630

■ 211.6840, 33.6050,
13.2290

■ 88.8610, 135.5660,
54.1740

■ 229.0950, 19.0260,
7.6180

■ 77.0580, 145.3770,
58.0890

■ 246.3920, 4.7680,
1.6960

254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



161.6990, 56.7530, 45.2730



158.9780, 77.2960, 30.8960



157.7980, 76.8420, 6.0740

Triad

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



158.9780, 77.2960, 30.8960



143.4110, -24.8880, -44.5680



128.8600, -128.6050, -9.6050

Complementary

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



158.9780, 77.2960, 30.8960



211.0220, -77.2960, -30.8960

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.



132.6780, -125.5770, -20.4330



158.9780, 77.2960, 30.8960



124.4240, -96.8240, -51.4480

Square

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



158.9780, 77.2960, 30.8960



151.0180, 24.8110, -36.6690



130.8250, -113.4700, -36.1100



159.9150, -41.0400, 27.9200

Rectangle

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



158.9780, 77.2960, 30.8960



156.4570, 66.8960, -11.9200



130.8250, -113.4700, -36.1100



131.2080, -129.7050, -11.6970

Sweetspot

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



158.9780, 77.2960, 30.8960



226.6010, 23.4730, 9.6250



170.6510, 31.4860, 68.1740



110.7030, 14.2580, 5.9220



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.



158.9780, 77.2960, 30.8960



141.8770, 93.9380, 37.6660



192.1120, 63.9140, -1.9260



116.0010, 7.4270, 3.0670



57.7650, 109.1130, 43.4890



18.6950, 35.0720, 14.1760

Inverse Universe

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



158.9780, 77.2960, 30.8960



141.8770, 93.9380, 37.6660



177.8880, -63.9140, 1.9260



116.0010, 7.4270, 3.0670



57.7650, 109.1130, 43.4890



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 158.9780, 77.2960, 30.8960 looks on a white background.

Color Contrast Check

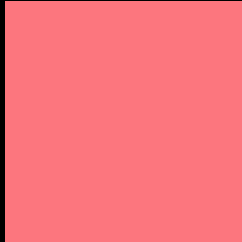
Large Text (above 18pt) WCAG AA × Fail

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 158.9780, 77.2960, 30.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

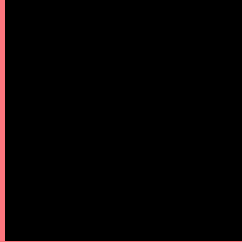
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.9780, 77.2960, 30.8960

Background



This preview shows how black text looks on a background with the YIQ color 158.9780, 77.2960, 30.8960.



This preview shows how white text looks on a background with the YIQ color 158.9780, 77.2960,

30.8960.

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

158.9780, 77.2960, 30.8960

Protanopia

160.6110, 8.3450, -2.5590

Deuteranopia

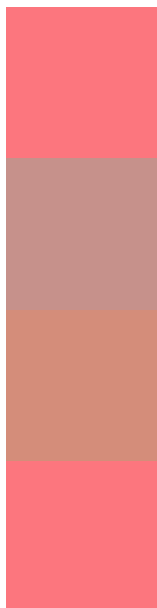
160.5890, 31.7740, -3.1540



Tritanopia

158.9780, 77.2960, 30.8960

Trichromacy



Original Color

158.9780, 77.2960, 30.8960

Protanomaly

160.1630, 33.5140, 9.3700

Deuteranomaly

160.0630, 48.4150, 9.1430

Tritanomaly

158.9780, 77.2960, 30.8960

Monochromacy



Original Color

158.9780, 77.2960, 30.8960

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9930, 28.2410, 11.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.9780, 77.2960, 30.8960 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(252, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(252, 118, 126)  
}
```

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(252, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 118, 126) }
```

Border

The CSS property to change the border of an element to YIQ 158.9780, 77.2960, 30.8960 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(252, 118, 126) }
```


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

```
.border{ border-color:rgb(252, 118, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(252, 118,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 158.9780, 77.2960, 30.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 118, 126) }
```

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

```
.background{ background-color: rgb(252,  
118, 126) }
```

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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