

Converting Colors

YIQ(156.4190, 88.3950, 11.4590)

Have a look what the booklet for
YIQ(156.4190, 88.3950, 11.4590)
contains.

YIQ(156.4190, 88.3950, 11.4590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(156.4190, 88.3950,
11.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	F87D4E
RGB	248, 125, 78
RGB Percent	97%, 49%, 31%
CMY	0.0272, 0.5100, 0.6937
CMYK	0.00, 0.50, 0.69, 0.03
HSL	17°, 92%, 64%
HSV	17°, 69%, 97%
XYZ	47.4410, 35.1743, 11.5152
YIQ	156.4190, 88.3950, 11.4590

Conversions

Conversions Part 2

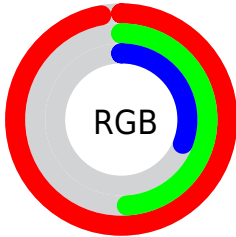
Format	Color
R _Y B	248, 143, 78
Decimal	16285006
CIE Lab	65.88, 43.67, 46.60
CIE LCh	66, 63.865, 46.858
Yxy	35.1743, 0.5040, 0.3737
Android (android.graphics.Color)	4294475086 (0xFFFF87D4E)
YUV	156.4190, -38.6606, 80.3165
Hunter-Lab	59.3079, 38.9949, 30.0038

Details

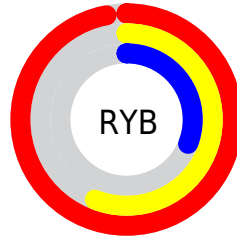
The YIQ color **156.4190, 88.3950, 11.4590** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle washed orange. A complement of this color would be **169.5810, -88.3950, -11.4590**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **196.6110, 61.0710, 0.0390**, and **101.8850, 81.1510, 10.5830** is the 20% darker color. If you saturate the color by 10%, you get **143.0030, 101.3700, 13.0980**, and if you desaturate by 10%, it is **169.8350, 75.4200, 9.8200**.

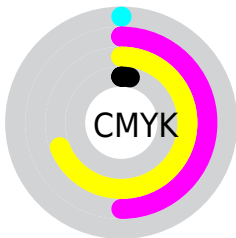
Distribution



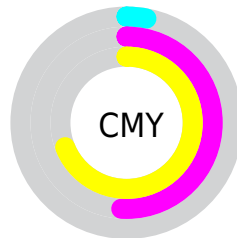
- Red (97%)
- Green (49%)
- Blue (31%)



- Red (97%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.4190, 88.3950, 11.4590 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 156.4190, 88.3950, 11.4590 by changing the saturation by 10% instead.


 156.4190, 88.3950,
11.4590


 156.4190, 88.3950,
11.4590


255.0000, -0.0000,
-0.0000


 129.1520, 84.7730,
11.0210


 196.6110, 61.0710,
0.0390

 101.2980, 81.4260,
11.1060


 216.0110, 45.0250,
-6.5190


 73.8030, 78.4460,
10.0460


 236.2260, 28.0620,
-12.9780

 46.7670, 70.1000,
18.1320

 249.8700, 14.4450,
-13.9950

 28.4050, 56.6200,
20.1400

 253.1760, 5.1360,
-4.9760

 19.7340, 39.3360,
13.9920

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 156.4190, 88.3950,
11.4590

■ 156.4190, 88.3950,
11.4590

■ 143.0030,
101.3700, 13.0980

■ 169.8350, 75.4200,
9.8200

■ 129.5870,
114.3450, 14.7370

■ 183.2510, 62.4450,
8.1810

■ 116.2850,
126.9990, 16.6870

■ 196.6670, 49.4700,
6.5420

■ 114.0680,
129.1080, 17.0120

■ 209.9690, 36.8160,
4.5920

■ 223.3850, 23.8410,
2.9530

236.8010, 10.8660,
1.3140

250.2170, -2.1090,
-0.3250

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.



153.8740, 80.8250, 38.5290



156.4190, 88.3950, 11.4590



154.4110, 72.5370, -20.5430

Triad

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



156.4190, 88.3950, 11.4590



124.2300, -93.5220, -56.2260



153.5430, -57.7280, 21.9840

Complementary

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



156.4190, 88.3950, 11.4590



169.5810, -88.3950, -11.4590

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.



131.2080, -129.7050, -11.6970



156.4190, 88.3950, 11.4590



131.6570, -113.0570, -38.0890

Square

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



156.4190, 88.3950, 11.4590



141.0600, -19.7060, -50.3780



135.7100, -128.6030, -20.6590



165.1390, 8.8400, 49.0640

Rectangle

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



156.4190, 88.3950, 11.4590



151.5510, 50.9910, -37.5610



135.7100, -128.6030, -20.6590



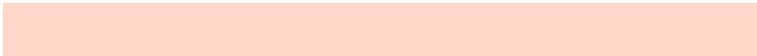
139.4130, -96.0090, 5.3910

Sweetspot

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



156.4190, 88.3950, 11.4590



225.9510, 28.0590, 3.6030



143.0800, 61.1950, 74.9150



110.2640, 16.8720, 2.6000



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.



156.4190, 88.3950, 11.4590



142.5370, 108.6140, 13.9740



205.1400, 65.5700, -31.9500



118.2350, 6.6480, 0.6640



87.0350, 98.3440, 12.8720



28.2180, 31.6810, 4.0410

Inverse Universe

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



169.5810, -88.3950, -11.4590



158.4630, -108.6140, -13.9740



120.8600, -65.5700, 31.9500



119.3520, -6.9230, -1.1870



101.9650, -98.3440, -12.8720



32.7820, -31.6810, -4.0410

Previews

White Background



This preview shows how the YIQ color 156.4190, 88.3950, 11.4590 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 156.4190, 88.3950, 11.4590 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 156.4190, 88.3950, 11.4590

Background



This preview shows how black text looks on a background with the YIQ color 156.4190, 88.3950, 11.4590.



This preview shows how white text looks on a background with the YIQ color 156.4190, 88.3950,

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

156.4190, 88.3950, 11.4590

Protanopia

157.3910, 31.7310, -18.9010

Deuteranopia

157.5200, 53.4170, -15.4390



Tritanopia

159.3800, 76.1040, 30.4720

Trichromacy



Original Color

156.4190, 88.3950, 11.4590

Protanomaly

157.0780, 52.0860, -7.8340

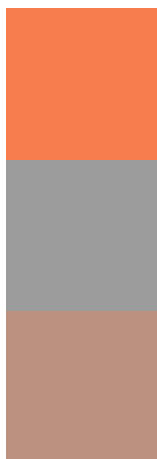
Deuteranomaly

157.2600, 66.2530, -5.7710

Tritanomaly

158.2030, 80.7360, 23.6160

Monochromacy



Original Color

156.4190, 88.3950, 11.4590

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.2180, 31.6810, 4.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.4190, 88.3950, 11.4590 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, 125, 78)` looks like.

```
.text, #text, p{  
    color:rgb(248, 125, 78)  
}
```

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, 125, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 125, 78) }
```

Border

The CSS property to change the border of an element to YIQ 156.4190, 88.3950, 11.4590 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, 125, 78) }
```


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

```
.border{ border-color:rgb(248, 125, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 125, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 125, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 125, 78);  
box-shadow:4px 4px 4px 4px rgb(248, 125,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 156.4190, 88.3950, 11.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 125, 78) }
```

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

```
.background{ background-color: rgb(248,  
125, 78) }
```

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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