

Converting Colors

YIQ(156.2970, 108.3890,
-9.4910)

Have a look what the booklet for
YIQ(156.2970, 108.3890, -9.4910)
contains.

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Color

**YIQ(156.2970, 108.3890,
-9.4910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FE8514 |
| RGB | 254, 133, 20 |
| RGB Percent | 100%, 52%, 8% |
| CMY | 0.0037, 0.4786, 0.9210 |
| CMYK | 0.00, 0.48, 0.92, 0.00 |
| HSL | 29°, 99%, 54% |
| HSV | 29°, 92%, 100% |
| XYZ | 49.4013, 37.8933, 5.3784 |
| YIQ | 156.2970, 108.3890, -9.4910 |

Conversions

Conversions Part 2

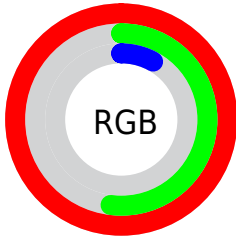
| Format | Color |
|-------------------------------------|---|
| RYB | 254, 239, 20 |
| Decimal | 16680212 |
| CIELab | 67.94, 40.19, 71.34 |
| CIELCh | 68, 81.886, 60.606 |
| Yxy | 37.8933, 0.5331, 0.4089 |
| Android (android.graphics.Color) | 4294870292 (0xFFFE8514) |
| YUV | 156.2970, -67.1944, 85.6855 |
| Hunter-Lab | 61.5576, 35.5246, 37.9100 |

Details

The YIQ color **156.2970, 108.3890, -9.4910** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **117.7030, -108.3890, 9.4910**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **195.2480, 74.5540, -18.5500**, and **104.3570, 90.9650, -2.0830** is the 20% darker color. If you saturate the color by 10%, you get **148.1470, 117.5590, -10.4810**, and if you desaturate by 10%, it is **166.8920, 96.4680, -8.2040**.

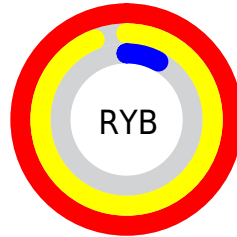
Distribution



Red (100%)

Green (52%)

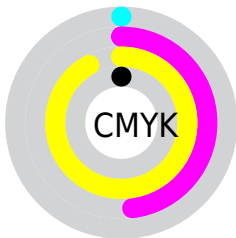
Blue (8%)



Red (100%)

Yellow (94%)

Blue (8%)

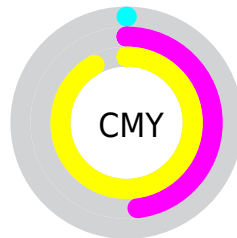


Cyan (0%)

Magenta (48%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.2970, 108.3890, -9.4910 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 156.2970, 108.3890, -9.4910 by changing the saturation by 10% instead.

156.2970,
108.3890, -9.4910

156.2970,
108.3890, -9.4910

255.0000, -0.0000,
-0.0000

129.1870,
102.8870, -8.8970

195.2480, 74.5540,
-18.5500

104.3570, 90.9650,
-2.0830

215.4630, 57.5910,
-25.0090

80.4130, 79.3640,
4.4200

234.9770, 41.2240,
-31.2560

55.8820, 68.0380,
11.4460

244.6260, 29.2110,
-28.3010

29.3020, 58.4080,
20.7760

247.8180, 20.2230,
-19.5930

20.6310, 41.1240,
14.6280

251.1240, 10.9140,

13.2700, 25.9030,

-10.5740

9.6390

254.4300, 1.6050,
-1.5550

0.0000, 0.0000,
0.0000

156.2970,
108.3890, -9.4910

156.2970,
108.3890, -9.4910

148.1470,
117.5590, -10.4810

166.8920, 96.4680,
-8.2040

177.3730, 84.8680,
-7.2280

187.8540, 73.2680,
-6.2520

199.0360, 61.0720,
-5.4880

209.5170, 49.4720,
-4.5120

220.1120, 37.5510,
-3.2250

230.5930, 25.9510,
-2.2490

241.0740, 14.3510,
-1.2730

251.6690, 2.4300,
0.0140

Harmonies

Analogous

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



144.6010, 94.5350, 32.3510



156.2970, 108.3890, -9.4910



154.5840, 72.5870, -43.4850

Triad

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



156.2970, 108.3890, -9.4910



135.0360, -107.4150, -52.2390



162.6230, -25.1780, 37.8140

Complementary

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



156.2970, 108.3890, -9.4910



117.7030, -108.3890, 9.4910

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



156.2970, 108.3890, -9.4910



143.4720, -131.1690, -29.2250

Square

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



156.2970, 108.3890, -9.4910



123.9100, -81.5980, -74.0940



141.1870, -134.3800, -20.5880



166.0010, 45.2400, 72.2160

Rectangle

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



156.2970, 108.3890, -9.4910



148.7490, 40.7250, -60.7710



141.1870, -134.3800, -20.5880



152.9340, -60.3870, 20.6130

Sweetspot

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



156.2970, 108.3890, -9.4910



225.1870, 32.9660, -2.7300



104.2160, 99.3390, 88.4830



109.4830, 20.4490, -1.6550



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.



156.2970, 108.3890, -9.4910



148.4460, 118.1550, -10.2690



222.6280, 77.3140, -68.5900



122.4090, 6.0980, -0.3820



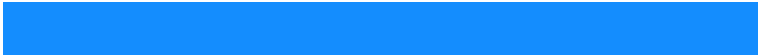
111.1130, 88.5360, -7.6240



37.3330, 29.6190, -2.6450

Inverse Universe

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



117.7030, -108.3890, 9.4910



106.5540, -118.1550, 10.2690



51.3720, -77.3140, 68.5900



120.0040, -5.8230, 0.9050



79.8870, -88.5360, 7.6240



26.6670, -29.6190, 2.6450

Previews

White Background



This preview shows how the YIQ color 156.2970, 108.3890, -9.4910 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 156.2970, 108.3890, -9.4910 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 156.2970, 108.3890, -9.4910

Background



This preview shows how black text looks on a background with the YIQ color 156.2970, 108.3890, -9.4910.



This preview shows how white text looks on a background with the YIQ color 156.2970, 108.3890, -9.4910.

-9.4910.

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

156.2970, 108.3890, -9.4910

Protanopia

156.7750, 56.1720, -37.8440

Deuteranopia

154.9490, 81.9850, -37.5910



Tritanopia

165.4830, 74.3160, 29.8360

Trichromacy



Original Color

156.2970, 108.3890, -9.4910

Protanomaly

156.4510, 75.0600, -27.7240

Deuteranomaly

155.2480, 91.7490, -27.3150

Tritanomaly

162.5700, 86.6520, 15.5160

Monochromacy



Original Color

156.2970, 108.3890, -9.4910

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.4820, 39.3850, -3.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2970, 108.3890, -9.4910 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(254, 133, 20)` looks like.

```
.text, #text, p{  
    color:rgb(254, 133, 20)  
}
```

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(254, 133, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 133, 20) }
```

Border

The CSS property to change the border of an element to YIQ 156.2970, 108.3890, -9.4910 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(254, 133, 20) }
```


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

```
.border{ border-color:rgb(254, 133, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 133, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 133, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 133, 20);  
box-shadow:4px 4px 4px 4px rgb(254, 133,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2970, 108.3890, -9.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 133, 20) }
```

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

```
.background{ background-color: rgb(254,  
133, 20) }
```

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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