

Converting Colors

YIQ(144.5610, 98.8980, -8.1900)

Have a look what the booklet for
YIQ(144.5610, 98.8980, -8.1900)
contains.

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Color

**YIQ(144.5610, 98.8980,
-8.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	EA7B15
RGB	234, 123, 21
RGB Percent	92%, 48%, 8%
CMY	0.0822, 0.5178, 0.9172
CMYK	0.00, 0.47, 0.91, 0.08
HSL	29°, 84%, 50%
HSV	29°, 91%, 92%
XYZ	41.1621, 31.7100, 4.6665
YIQ	144.5610, 98.8980, -8.1900

Conversions

Conversions Part 2

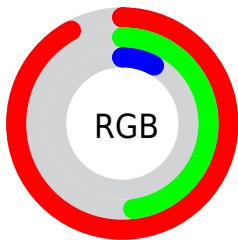
Format	Color
R_{YB}	234, 217, 21
Decimal	15366933
CIE Lab	63.10, 37.33, 66.39
CIE LCh	63, 76.168, 60.653
Yxy	31.7100, 0.5309, 0.4090
Android (android.graphics.Color)	4293557013 (0xFFEA7B15)
YUV	144.5610, -60.9156, 78.4380
Hunter-Lab	56.3116, 31.9329, 34.5048

Details

The YIQ color **144.5610, 98.8980, -8.1900** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **110.4390, -98.8980, 8.1900**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **189.1500, 77.9460, -13.9420**, and **93.3930, 82.1160, -1.4040** is the 20% darker color. If you saturate the color by 10%, you get **135.7100, 108.6640, -8.9680**, and if you desaturate by 10%, it is **154.3410, 87.8940, -7.0020**.

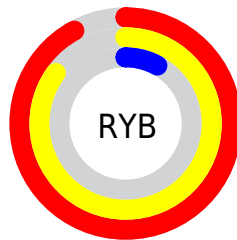
Distribution



Red (92%)

Green (48%)

Blue (8%)



Red (92%)

Yellow (85%)

Blue (8%)

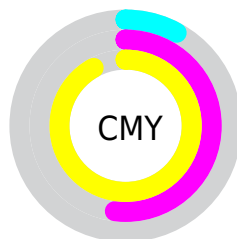


Cyan (0%)

Magenta (47%)

Yellow (91%)

Black (8%)



Cyan (8%)

Magenta (52%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5610, 98.8980, -8.1900 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 144.5610, 98.8980, -8.1900 by changing the saturation by 10% instead.

144.5610, 98.8980,
-8.1900

144.5610, 98.8980,
-8.1900

255.0000, -0.0000,
-0.0000

117.3370, 93.7170,
-7.9070

189.2640, 77.6250,
-13.6310

93.3930, 82.1160,
-1.4040

208.6640, 61.5790,
-20.1890

69.4490, 70.5150,
5.0990

228.1780, 45.2120,
-26.4360

45.2170, 59.7850,
12.3370

244.2840, 30.1740,
-29.2340

24.2190, 48.2760,
17.1720

247.4760, 21.1860,
-20.5260

16.1460, 32.1840,
11.4480

250.6680, 12.1980,

5.3820, 10.7280,

-11.8180

3.8160

254.0880, 2.5680,
-2.4880

0.0000, 0.0000,
0.0000

144.5610, 98.8980,
-8.1900

144.5610, 98.8980,
-8.1900

135.7100,
108.6640, -8.9680

154.3410, 87.8940,
-7.0020

164.0070, 77.2110,
-6.1250

174.2600, 66.2530,
-5.7710

184.0400, 55.2490,
-4.5830

193.7060, 44.5660,
-3.7060

■ 203.4860, 33.5620,
-2.5180

■ 213.1520, 22.8790,
-1.6410

■ 223.4050, 11.9210,
-1.2870

■ 233.1850, 0.9170,
-0.0990

Harmonies

Analogous

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



139.6940, 98.7070, 33.8350



144.5610, 98.8980, -8.1900



142.4680, 67.2220, -39.8660

Triad

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



144.5610, 98.8980, -8.1900



124.7490, -99.1170, -48.4370



152.5780, -29.3050, 41.0230

Complementary

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



144.5610, 98.8980, -8.1900



110.4390, -98.8980, 8.1900

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.



123.5770, -126.1300, -4.8980



144.5610, 98.8980, -8.1900



132.5010, -120.9450, -27.2890

Square

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



144.5610, 98.8980, -8.1900



113.8340, -75.2720, -67.5920



132.3820, -130.2550, -12.7430



153.7460, 41.3440, 65.7280

Rectangle

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



144.5610, 98.8980, -8.1900



137.2420, 38.0190, -55.7810



132.3820, -130.2550, -12.7430



143.7970, -61.2590, 25.4050

Sweetspot

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



144.5610, 98.8980, -8.1900



226.0020, 32.0490, -2.6310



97.6830, 90.3540, 80.6100



110.4120, 19.2110, -1.2450



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.



144.5610, 98.8980, -8.1900



147.8590, 118.4300, -9.7460



205.6090, 70.2980, -62.5820



112.2240, 5.1810, -0.2830



105.1880, 83.9510, -7.1290



31.4080, 25.0340, -2.1500

Inverse Universe

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



110.4390, -98.8980, 8.1900



107.1410, -118.4300, 9.7460



49.3910, -70.2980, 62.5820



110.7760, -5.1810, 0.2830



75.8120, -83.9510, 7.1290



22.5920, -25.0340, 2.1500

Previews

White Background



This preview shows how the YIQ color 144.5610, 98.8980, -8.1900 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 144.5610, 98.8980, -8.1900 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 144.5610, 98.8980, -8.1900

Background



This preview shows how black text looks on a background with the YIQ color 144.5610, 98.8980, -8.1900.



This preview shows how white text looks on a background with the YIQ color 144.5610, 98.8980, -8.1900.

-8.1900.

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

144.5610, 98.8980, -8.1900

Protanopia

145.2460, 50.5320, -34.7480

Deuteranopia

143.1210, 75.7490, -34.7070



Tritanopia

151.9880, 71.3360, 28.7760

Trichromacy



Original Color

144.5610, 98.8980, -8.1900

Protanomaly

145.3240, 68.2280, -25.0520

Deuteranomaly

143.8220, 84.3210, -24.8550

Tritanomaly

149.2320, 81.7920, 15.4880

Monochromacy



Original Color

144.5610, 98.8980, -8.1900

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.7420, 35.7170, -3.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5610, 98.8980, -8.1900 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(234, 123, 21)` looks like.

```
.text, #text, p{  
    color:rgb(234, 123, 21)  
}
```

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(234, 123, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 123, 21) }
```

Border

The CSS property to change the border of an element to YIQ 144.5610, 98.8980, -8.1900 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(234, 123, 21) }
```


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

```
.border{ border-color:rgb(234, 123, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 123, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 123, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 123, 21);  
box-shadow:4px 4px 4px 4px rgb(234, 123,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5610, 98.8980, -8.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 123, 21) }
```

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

```
.background{ background-color: rgb(234,  
123, 21) }
```

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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