

Converting Colors

YIQ(136.5510, 104.8580,
-6.0700)

Have a look what the booklet for
YIQ(136.5510, 104.8580, -6.0700)
contains.

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Color

**YIQ(136.5510, 104.8580,
-6.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	E9700A
RGB	233, 112, 10
RGB Percent	91%, 44%, 4%
CMY	0.0861, 0.5610, 0.9603
CMYK	0.00, 0.52, 0.96, 0.09
HSL	27°, 92%, 48%
HSV	27°, 96%, 91%
XYZ	39.4670, 28.9325, 3.7952
YIQ	136.5510, 104.8580, -6.0700

Conversions

Conversions Part 2

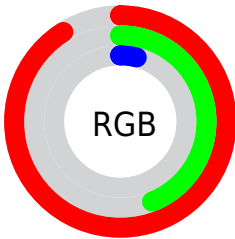
Format	Color
R _Y B	233, 198, 10
Decimal	15298570
CIE Lab	60.72, 42.32, 66.95
CIE LCh	61, 79.205, 57.699
Yxy	28.9325, 0.5467, 0.4008
Android (android.graphics.Color)	4293488650 (0xFFE9700A)
YUV	136.5510, -62.3896, 84.5858
Hunter-Lab	53.7890, 36.8414, 33.4690

Details

The YIQ color **136.5510, 104.8580, -6.0700** 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 **106.4490, -104.8580, 6.0700**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0090, 82.8970, -10.0550**, and **86.0500, 84.8200, 4.6600** is the 20% darker color. If you saturate the color by 10%, you get **131.8890, 109.7180, -6.0420**, and if you desaturate by 10%, it is **146.8040, 93.9000, -5.7160**.

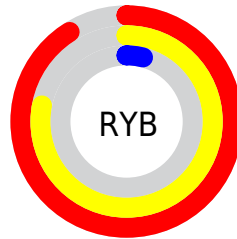
Distribution



Red (91%)

Green (44%)

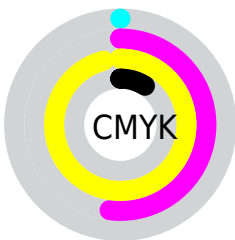
Blue (4%)



Red (91%)

Yellow (78%)

Blue (4%)

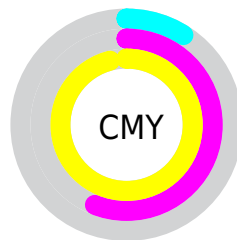


Cyan (0%)

Magenta (52%)

Yellow (96%)

Black (9%)



Cyan (9%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.5510, 104.8580, -6.0700 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 136.5510, 104.8580, -6.0700 by changing the saturation by 10% instead.

136.5510,
104.8580, -6.0700

136.5510,
104.8580, -6.0700

255.0000, -0.0000,
-0.0000

110.5810, 96.1460,
-2.3660

182.0090, 82.8970,
-10.0550

86.0500, 84.8200,
4.6600

200.8220, 67.1260,
-16.0900

61.5190, 73.4940,
11.6860

220.9230, 50.4840,
-22.8600

32.2920, 64.3680,
22.8960

241.1380, 33.5210,
-29.3190

23.6210, 47.0840,
16.7480

246.5640, 23.7540,
-23.0140

16.0750, 30.9460,
11.8580

249.8700, 14.4450,

1.7940, 3.5760,

-13.9950

1.2720

253.1760, 5.1360,
-4.9760

0.0000, 0.0000,
0.0000

136.5510,
104.8580, -6.0700

136.5510,
104.8580, -6.0700

131.8890,
109.7180, -6.0420

146.8040, 93.9000,
-5.7160

156.5840, 82.8960,
-4.5280

166.8370, 71.9380,
-4.1740

177.0900, 60.9800,
-3.8200

186.8700, 49.9760,
-2.6320

■ 197.1230, 39.0180,
-2.2780

■ 207.3760, 28.0600,
-1.9240

■ 217.1560, 17.0560,
-0.7360

■ 227.4090, 6.0980,
-0.3820

Harmonies

Analogous

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



130.6610, 103.4740, 41.0580



136.5510, 104.8580, -6.0700



137.4730, 68.8260, -35.8940

Triad

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



136.5510, 104.8580, -6.0700



119.7450, -93.2940, -49.3420



143.6520, -41.3170, 38.4510

Complementary

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



136.5510, 104.8580, -6.0700



106.4490, -104.8580, 6.0700

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.



121.2290, -125.0300, -2.8060



136.5510, 104.8580, -6.0700



127.8390, -116.0850, -27.2610

Square

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



136.5510, 104.8580, -6.0700



108.3740, -68.1650, -69.7410



130.0340, -129.1550, -10.6510



146.8750, 36.6670, 67.8910

Rectangle

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



136.5510, 104.8580, -6.0700



132.8340, 39.3480, -52.3320



130.0340, -129.1550, -10.6510



130.0760, -84.2740, 18.4940

Sweetspot

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



136.5510, 104.8580, -6.0700



223.0840, 34.7540, -2.0940



90.6990, 93.4250, 85.5290



108.1950, 21.3200, -0.9200



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.



136.5510, 104.8580, -6.0700



144.3370, 120.0800, -6.6080



201.1210, 74.6080, -63.6000



112.2240, 5.1810, -0.2830



102.8400, 85.0510, -5.0370



30.2340, 25.5840, -1.1040

Inverse Universe

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



106.4490, -104.8580, 6.0700



110.6630, -120.0800, 6.6080



41.8790, -74.6080, 63.6000



110.7760, -5.1810, 0.2830



78.1600, -85.0510, 5.0370



23.1790, -25.3090, 1.6270

Previews

White Background



This preview shows how the YIQ color 136.5510, 104.8580, -6.0700 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5510, 104.8580, -6.0700 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 × Fail

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

YIQ 136.5510, 104.8580, -6.0700

Background



This preview shows how black text looks on a background with the YIQ color 136.5510, 104.8580, -6.0700.



This preview shows how white text looks on a background with the YIQ color 136.5510, 104.8580, -6.0700.

-6.0700.

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

136.5510, 104.8580, -6.0700

Protanopia

138.5450, 51.1280, -34.5360

Deuteranopia

137.2070, 72.6310, -33.2650



Tritanopia

144.2660, 76.4250, 30.1610

Trichromacy



Original Color

136.5510, 104.8580, -6.0700

Protanomaly

137.5200, 70.6120, -24.2040

Deuteranomaly

136.8760, 84.2290, -23.1870

Tritanomaly

141.5100, 86.8810, 16.8730

Monochromacy



Original Color

136.5510, 104.8580, -6.0700

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9380, 38.1010, -2.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5510, 104.8580, -6.0700 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(233, 112, 10)` looks like.

```
.text, #text, p{  
    color:rgb(233, 112, 10)  
}
```

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(233, 112, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 112, 10) }
```

Border

The CSS property to change the border of an element to YIQ 136.5510, 104.8580, -6.0700 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(233, 112, 10) }
```


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

```
.border{ border-color:rgb(233, 112, 10) }
```

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

Here you see how a box with a 4 pixel rgb(233, 112, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 112, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 112, 10);  
box-shadow:4px 4px 4px 4px rgb(233, 112,  
10) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5510, 104.8580, -6.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 112, 10) }
```

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

```
.background{ background-color: rgb(233,  
112, 10) }
```

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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