

Converting Colors

YIQ(135.6770, 104.2630,
-11.8090)

Have a look what the booklet for
YIQ(135.6770, 104.2630, -11.8090)
contains.

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Color

**YIQ(135.6770, 104.2630,
-11.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	E47300
RGB	228, 115, 0
RGB Percent	89%, 45%, 0%
CMY	0.1057, 0.5492, 0.9995
CMYK	0.00, 0.50, 1.00, 0.11
HSL	30°, 100%, 45%
HSV	30°, 100%, 89%
XYZ	38.1369, 28.7531, 3.5435
YIQ	135.6770, 104.2630, -11.8090

Conversions

Conversions Part 2

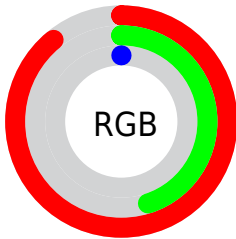
Format	Color
R_{YB}	224, 228, 0
Decimal	14971648
CIE Lab	60.56, 38.77, 68.15
CIE LCh	61, 78.408, 60.365
Yxy	28.7531, 0.5415, 0.4082
Android (android.graphics.Color)	4293161728 (0xFFE47300)
YUV	135.6770, -66.8888, 80.9673
Hunter-Lab	53.6219, 33.1142, 33.6172

Details

The YIQ color **135.6770, 104.2630, -11.8090** 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 **92.3230, -104.2630, 11.8090**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7270, 83.6310, -12.3450**, and **86.9030, 80.7400, 1.5080** is the 20% darker color. If you saturate the color by 10%, you get **135.6770, 104.2630, -11.8090**, and if you desaturate by 10%, it is **144.7560, 93.8550, -10.4090**.

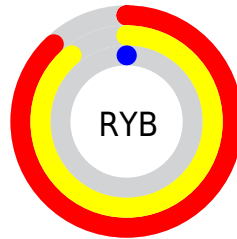
Distribution



Red (89%)

Green (45%)

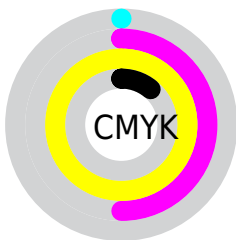
Blue (0%)



Red (88%)

Yellow (89%)

Blue (0%)

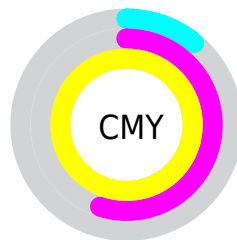


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (11%)



Cyan (11%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6770, 104.2630, -11.8090 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 135.6770, 104.2630, -11.8090 by changing the saturation by 10% instead.


 135.6770,
104.2630, -11.8090


 135.6770,
104.2630, -11.8090


255.0000, -0.0000,
-0.0000


 110.8470, 92.3410,
-4.9950


 182.7270, 83.6310,
-12.3450

 86.9030, 80.7400,
1.5080


 202.2410, 67.2640,
-18.5920


 62.9590, 69.1390,
8.0110


 221.7550, 50.8970,
-24.8390

 36.9660, 59.2340,
16.8180

 241.8560, 34.2550,
-31.6090

 22.4250, 44.7000,
15.9000

 246.2220, 24.7170,
-23.9470

 15.0640, 29.4790,
10.9110

 249.4140, 15.7290,

 0.0000, 0.0000,

-15.2390

0.0000

■ 252.7200, 6.4200,
-6.2200

■ 135.6770,
104.2630, -11.8090

■ 144.7560, 93.8550,
-10.4090

■ 154.4220, 83.1720,
-9.5320

■ 163.5010, 72.7640,
-8.1320

■ 172.4660, 62.6770,
-7.0430

■ 182.1320, 51.9940,
-6.1660

■ 191.2110, 41.5860,
-4.7660

■ 200.2900, 31.1780,
-3.3660

■ 209.3690, 20.7700,
-1.9660

■ 218.9210, 10.4080,
-1.4000

Harmonies

Analogous

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



132.4390, 103.9790, 37.4110



135.6770, 104.2630, -11.8090



136.2660, 64.9750, -37.6890

Triad

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



135.6770, 104.2630, -11.8090



119.8420, -94.9450, -46.9530



145.4790, -33.3400, 42.5640

Complementary

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



135.6770, 104.2630, -11.8090



92.3230, -104.2630, 11.8090

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.



120.0550, -124.4800, -1.7600



135.6770, 104.2630, -11.8090



127.8220, -117.4150, -25.1830

Square

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



135.6770, 104.2630, -11.8090



109.1720, -70.4120, -67.5640



128.8600, -128.6050, -9.6050



145.6260, 41.8020, 68.4420

Rectangle

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



135.6770, 104.2630, -11.8090



131.3280, 34.9010, -54.3390



128.8600, -128.6050, -9.6050



135.7900, -68.5490, 25.3630

Sweetspot

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



135.6770, 104.2630, -11.8090



224.0300, 34.8460, -3.7620



81.1680, 99.2940, 83.7900



109.2550, 21.0910, -2.2770



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.



135.6770, 104.2630, -11.8090



151.3810, 116.7800, -12.8840



202.0080, 73.1880, -70.9080



110.1100, 5.5020, -0.5940



106.3510, 81.9340, -9.1220



30.5110, 23.2460, -2.7860

Inverse Universe

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



92.3230, -104.2630, 11.8090



103.6190, -116.7800, 12.8840



25.9920, -73.1880, 70.9080



107.8900, -5.5020, 0.5940



72.6490, -81.9340, 9.1220



20.4890, -23.2460, 2.7860

Previews

White Background



This preview shows how the YIQ color 135.6770, 104.2630, -11.8090 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 135.6770, 104.2630, -11.8090 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 135.6770, 104.2630, -11.8090 Background



This preview shows how black text looks on a background with the YIQ color 135.6770, 104.2630, -11.8090.



This preview shows how white text looks on a background with the YIQ color 135.6770, 104.2630, -11.8090.

-11.8090.

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

135.6770, 104.2630, -11.8090

Protanopia

137.9040, 51.4950, -35.6810

Deuteranopia

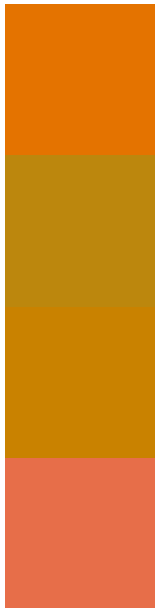
136.9080, 72.0350, -33.4770



Tritanopia

145.1730, 72.2530, 28.6770

Trichromacy



Original Color

135.6770, 104.2630, -11.8090

Protanomaly

136.9390, 70.7500, -26.7060

Deuteranomaly

136.4090, 84.0460, -25.3780

Tritanomaly

141.9610, 83.9930, 14.1450

Monochromacy



Original Color

135.6770, 104.2630, -11.8090

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.5850, 37.5970, -4.0590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6770, 104.2630, -11.8090 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(228, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 115, 0)  
}
```

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(228, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 115, 0) }
```

Border

The CSS property to change the border of an element to YIQ 135.6770, 104.2630, -11.8090 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(228, 115, 0) }
```


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

```
.border{ border-color:rgb(228, 115, 0) }
```

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

Here you see how a box with a 4 pixel rgb(228, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 115,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6770, 104.2630, -11.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 115, 0) }
```

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

```
.background{ background-color: rgb(228,  
115, 0) }
```

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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