

Converting Colors

YIQ(131.6220, 106.0960,
-6.4800)

Have a look what the booklet for
YIQ(131.6220, 106.0960, -6.4800)
contains.

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Color

**YIQ(131.6220, 106.0960,
-6.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	E56B03
RGB	229, 107, 3
RGB Percent	90%, 42%, 1%
CMY	0.1017, 0.5806, 0.9877
CMYK	0.00, 0.53, 0.99, 0.10
HSL	28°, 97%, 46%
HSV	28°, 99%, 90%
XYZ	37.6009, 27.1790, 3.3541
YIQ	131.6220, 106.0960, -6.4800

Conversions

Conversions Part 2

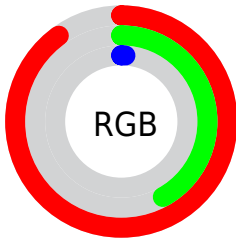
Format	Color
R_{YB}	229, 196, 3
Decimal	15035139
CIE _{Lab}	59.14, 43.17, 66.86
CIE _{LCh}	59, 79.583, 57.148
Yxy	27.1790, 0.5519, 0.3989
Android (android.graphics.Color)	4293225219 (0xFFE56B03)
YUV	131.6220, -63.4106, 85.4005
Hunter-Lab	52.1335, 37.5084, 32.6789

Details

The YIQ color **131.6220, 106.0960, -6.4800** 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 **100.3780, -106.0960, 6.4800**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.6180, 85.5560, -8.6840**, and **81.9190, 83.8110, 6.4270** is the 20% darker color. If you saturate the color by 10%, you get **130.1060, 107.6090, -6.3670**, and if you desaturate by 10%, it is **141.2880, 95.4130, -5.6030**.

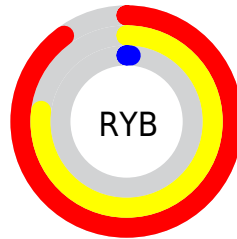
Distribution



Red (90%)

Green (42%)

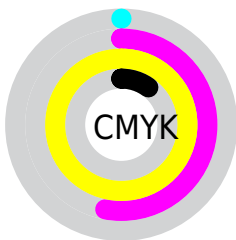
Blue (1%)



Red (90%)

Yellow (77%)

Blue (1%)

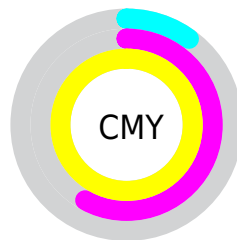


Cyan (0%)

Magenta (53%)

Yellow (99%)

Black (10%)



Cyan (10%)


Magenta (58%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.6220, 106.0960, -6.4800 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 131.6220, 106.0960, -6.4800 by changing the saturation by 10% instead.


 131.6220,
106.0960, -6.4800


 131.6220,
106.0960, -6.4800


255.0000, -0.0000,
-0.0000


 106.4500, 95.1370,
-0.5990


 178.6180, 85.5560,
-8.6840


 81.9190, 83.8110,
6.4270


 197.4310, 69.7850,
-14.7190


 56.8010, 72.7600,
13.9760


 217.5320, 53.1430,
-21.4890

 31.0960, 61.9840,
22.0480

 237.0460, 36.7760,
-27.7360

 22.4250, 44.7000,
15.9000

 246.1080, 25.0380,
-24.2580

 15.1780, 29.1580,
11.2220

 249.4140, 15.7290,

 0.0000, 0.0000,

-15.2390

0.0000

■ 252.6060, 6.7410,
-6.5310

■ 131.6220,
106.0960, -6.4800

■ 131.6220,
106.0960, -6.4800

■ 130.1060,
107.6090, -6.3670

■ 141.2880, 95.4130,
-5.6030

■ 151.5410, 84.4550,
-5.2490

■ 161.2070, 73.7720,
-4.3720

■ 170.8730, 63.0890,
-3.4950

■ 181.1260, 52.1310,
-3.1410

■ 190.7920, 41.4480,
-2.2640

■ 200.9310, 30.8110,
-2.2210

■ 210.5970, 20.1280,
-1.3440

■ 220.2630, 9.4450,
-0.4670

Harmonies

Analogous

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



126.7970, 106.0870, 43.2630



131.6220, 106.0960, -6.4800



133.3420, 67.8170, -34.1270

Triad

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



131.6220, 106.0960, -6.4800



116.1260, -89.9930, -48.5930



139.4990, -45.2600, 38.3240

Complementary

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



131.6220, 106.0960, -6.4800



100.3780, -106.0960, 6.4800

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.



118.8810, -123.9300, -0.7140



131.6220, 106.0960, -6.4800



124.9210, -113.3800, -26.7240

Square

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



131.6220, 106.0960, -6.4800



104.8690, -65.1850, -68.6810



127.6860, -128.0550, -8.5590



142.3910, 35.1540, 67.7780

Rectangle

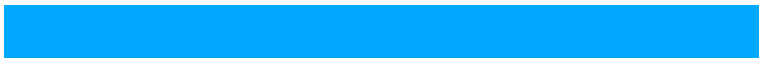
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131.6220, 106.0960, -6.4800



128.7030, 38.3390, -50.5650



127.6860, -128.0550, -8.5590



122.6450, -93.3060, 16.9820

Sweetspot

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



131.6220, 106.0960, -6.4800



222.2690, 35.6710, -2.1930



84.7100, 94.8920, 86.4760



108.0810, 21.6410, -1.2310



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.



131.6220, 106.0960, -6.4800



144.9240, 119.8050, -7.1310



196.7790, 75.5710, -64.5330



110.1100, 5.5020, -0.5940



101.6550, 84.1340, -4.9380



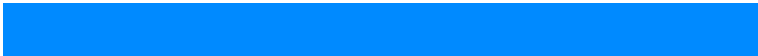
28.7500, 24.0710, -1.2170

Inverse Universe

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



100.3780, -106.0960, 6.4800



110.0760, -119.8050, 7.1310



35.2210, -75.5710, 64.5330



107.8900, -5.5020, 0.5940



76.7580, -83.8590, 5.4610



22.2500, -24.0710, 1.2170

Previews

White Background



This preview shows how the YIQ color 131.6220, 106.0960, -6.4800 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 131.6220, 106.0960, -6.4800 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 131.6220, 106.0960, -6.4800

Background



This preview shows how black text looks on a background with the YIQ color 131.6220, 106.0960, -6.4800.



This preview shows how white text looks on a background with the YIQ color 131.6220, 106.0960, -6.4800.

-6.4800.

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

131.6220, 106.0960, -6.4800

Protanopia

134.4740, 49.8900, -34.1260

Deuteranopia

133.6520, 69.8800, -32.9680



Tritanopia

139.5650, 77.0210, 30.3730

Trichromacy



Original Color

131.6220, 106.0960, -6.4800

Protanomaly

133.6340, 70.2910, -23.8930

Deuteranomaly

132.6910, 83.3120, -23.0880

Tritanomaly

136.8090, 87.4770, 17.0850

Monochromacy



Original Color

131.6220, 106.0960, -6.4800

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8240, 38.4220, -2.4900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.6220, 106.0960, -6.4800 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(229, 107, 3)` looks like.

```
.text, #text, p{  
    color:rgb(229, 107, 3)  
}
```

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(229, 107, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 107, 3) }
```

Border

The CSS property to change the border of an element to YIQ 131.6220, 106.0960, -6.4800 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(229, 107, 3) }
```


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

```
.border{ border-color:rgb(229, 107, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 107, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 107, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 107, 3);  
box-shadow:4px 4px 4px 4px rgb(229, 107,  
3) }
```

Background

The CSS property to change the background color of an element to YIQ 131.6220, 106.0960, -6.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 107, 3) }
```

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

```
.background{ background-color: rgb(229,  
107, 3) }
```

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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