

Converting Colors

YIQ(131.9840, 102.3810, 0.2770)

Have a look what the booklet for
YIQ(131.9840, 102.3810, 0.2770)
contains.

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Color

**YIQ(131.9840, 102.3810,
0.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	E66813
RGB	230, 104, 19
RGB Percent	90%, 41%, 7%
CMY	0.0978, 0.5923, 0.9250
CMYK	0.00, 0.55, 0.92, 0.10
HSL	24°, 85%, 49%
HSV	24°, 92%, 90%
XYZ	37.7169, 26.7708, 3.8009
YIQ	131.9840, 102.3810, 0.2770

Conversions

Conversions Part 2

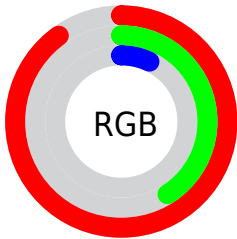
Format	Color
R_{YB}	230, 161, 19
Decimal	15099923
CIE _{Lab}	58.76, 45.18, 63.54
CIE _{LCh}	59, 77.960, 54.585
Yxy	26.7708, 0.5523, 0.3920
Android (android.graphics.Color)	4293290003 (0xFFE66813)
YUV	131.9840, -55.7011, 85.9600
Hunter-Lab	51.7405, 39.5740, 31.8629

Details

The YIQ color **131.9840, 102.3810, 0.2770** 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 **117.0160, -102.3810, -0.2770**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.6550, 84.1340, -4.9380**, and **79.8700, 85.5070, 8.7310** is the 20% darker color. If you saturate the color by 10%, you get **123.3610, 111.5050, 0.1210**, and if you desaturate by 10%, it is **142.8240, 91.1480, 0.1080**.

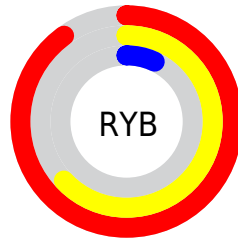
Distribution



Red (90%)

Green (41%)

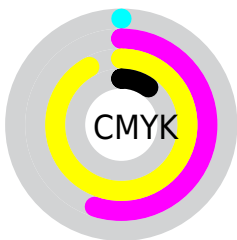
Blue (7%)



Red (90%)

Yellow (63%)

Blue (7%)

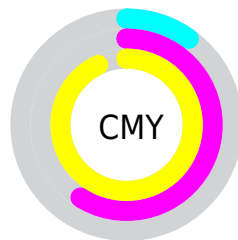


Cyan (0%)

Magenta (55%)

Yellow (92%)

Black (10%)



Cyan (10%)


Magenta (59%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.9840, 102.3810, 0.2770 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 131.9840, 102.3810, 0.2770 by changing the saturation by 10% instead.


 131.9840,
102.3810, 0.2770


 131.9840,
102.3810, 0.2770


255.0000, -0.0000,
-0.0000


 104.9880, 96.5580,
1.1820


 177.6550, 84.1340,
-4.9380


 79.8700, 85.5070,
8.7310


 196.4680, 68.3630,
-10.9730


 54.1650, 74.7310,
16.8030


 216.5690, 51.7210,
-17.7430

 31.3950, 62.5800,
22.2600

 236.6700, 35.0790,
-24.5130

 22.7240, 45.2960,
16.1120

 246.7920, 23.1120,
-22.3920

 15.1780, 29.1580,
11.2220

 250.0980, 13.8030,

 0.0000, 0.0000,

-13.3730

0.0000

253.4040, 4.4940,
-4.3540

131.9840,
102.3810, 0.2770

131.9840,
102.3810, 0.2770

123.3610,
111.5050, 0.1210

142.8240, 91.1480,
0.1080

153.0770, 80.1900,
0.4620

163.9170, 68.9570,
0.2930

174.7570, 57.7240,
0.1240

185.5970, 46.4910,
-0.0450

■ 195.8500, 35.5330,
0.3090

■ 206.6900, 24.3000,
0.1400

■ 217.5300, 13.0670,
-0.0290

■ 228.3700, 1.8340,
-0.1980

Harmonies

Analogous

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



126.8940, 104.4360, 45.6520



131.9840, 102.3810, 0.2770



132.7770, 71.0260, -31.7100

Triad

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



131.9840, 102.3810, 0.2770



114.1540, -87.1960, -49.7240



136.7860, -53.5580, 34.5220

Complementary

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



131.9840, 102.3810, 0.2770



117.0160, -102.3810, -0.2770

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.



119.4680, -124.2050, -1.2370



131.9840, 102.3810, 0.2770



122.8350, -110.2620, -28.1660

Square

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



131.9840, 102.3810, 0.2770



103.0110, -62.7090, -69.5010



126.8710, -127.1380, -8.6580



142.6890, 28.3230, 64.9230

Rectangle

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



131.9840, 102.3810, 0.2770



129.3230, 42.4650, -48.2470



126.8710, -127.1380, -8.6580



110.0760, -119.8050, 7.1310

Sweetspot

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



131.9840, 102.3810, 0.2770



221.6650, 34.6160, 0.4080



96.5670, 84.9890, 84.2290



107.7220, 21.2740, -0.0860



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.



131.9840, 102.3810, 0.2770



136.7060, 123.6550, 0.1910



193.6190, 73.5060, -54.6380



109.5230, 5.7770, -0.0710



95.7850, 86.8840, 0.2920



27.5760, 24.6210, -0.1710

Inverse Universe

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



117.0160, -102.3810, -0.2770



118.2940, -123.6550, -0.1910



55.3810, -73.5060, 54.6380



108.4770, -5.7770, 0.0710



83.2150, -86.8840, -0.2920



23.4240, -24.6210, 0.1710

Previews

White Background



This preview shows how the YIQ color 131.9840, 102.3810, 0.2770 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 131.9840, 102.3810, 0.2770 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 131.9840, 102.3810, 0.2770

Background



This preview shows how black text looks on a background with the YIQ color 131.9840, 102.3810, 0.2770.



This preview shows how white text looks on a background with the YIQ color 131.9840, 102.3810,

0.2770.

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

131.9840, 102.3810, 0.2770

Protanopia

134.6140, 46.6800, -31.0160

Deuteranopia

132.7660, 69.5590, -32.6570



Tritanopia

138.3480, 79.1300, 30.6980

Trichromacy



Original Color

131.9840, 102.3810, 0.2770

Protanomaly

133.4150, 66.7140, -19.6380

Deuteranomaly

132.7880, 81.6610, -20.6990

Tritanomaly

136.2760, 87.6600, 19.2760

Monochromacy



Original Color

131.9840, 102.3810, 0.2770

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.2200, 37.3670, 0.1110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.9840, 102.3810, 0.2770 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(230, 104, 19)` looks like.

```
.text, #text, p{  
    color:rgb(230, 104, 19)  
}
```

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(230, 104, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 104, 19) }
```

Border

The CSS property to change the border of an element to YIQ 131.9840, 102.3810, 0.2770 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(230, 104, 19) }
```


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

```
.border{ border-color:rgb(230, 104, 19) }
```

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

Here you see how a box with a 4 pixel rgb(230, 104, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 104, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 104, 19);  
box-shadow:4px 4px 4px 4px rgb(230, 104,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 131.9840, 102.3810, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 104, 19) }
```

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

```
.background{ background-color: rgb(230,  
104, 19) }
```

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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