

Converting Colors

YIQ(135.6860, 73.6810, -8.2310)

Have a look what the booklet for
YIQ(135.6860, 73.6810, -8.2310)
contains.

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Color

**YIQ(135.6860, 73.6810,
-8.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	C97928
RGB	201, 121, 40
RGB Percent	79%, 47%, 16%
CMY	0.2116, 0.5256, 0.8428
CMYK	0.00, 0.40, 0.80, 0.21
HSL	30°, 67%, 47%
HSV	30°, 80%, 79%
XYZ	31.3148, 26.2428, 5.4305
YIQ	135.6860, 73.6810, -8.2310

Conversions

Conversions Part 2

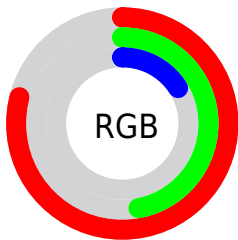
Format	Color
R_{YB}	199, 201, 40
Decimal	13203752
CIE _{Lab}	58.27, 25.22, 54.43
CIE _{LCh}	58, 59.986, 65.139
Yxy	26.2428, 0.4972, 0.4166
Android (android.graphics.Color)	4291393832 (0xFFC97928)
YUV	135.6860, -47.1732, 57.2804
Hunter-Lab	51.2277, 19.4661, 29.5743

Details

The YIQ color **135.6860, 73.6810, -8.2310** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **105.3140, -73.6810, 8.2310**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8710, 74.5980, -8.3300**, and **84.4230, 64.2360, -7.7640** is the 20% darker color. If you saturate the color by 10%, you get **127.5360, 82.8510, -9.2210**, and if you desaturate by 10%, it is **143.8360, 64.5110, -7.2410**.

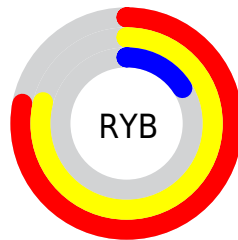
Distribution



Red (79%)

Green (47%)

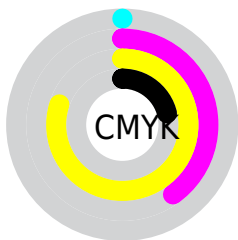
Blue (16%)



Red (78%)

Yellow (79%)

Blue (16%)

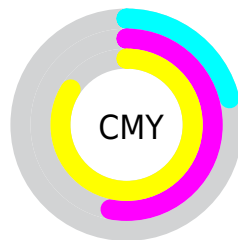


Cyan (0%)

Magenta (40%)

Yellow (80%)

Black (21%)



Cyan (21%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6860, 73.6810, -8.2310 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 135.6860, 73.6810, -8.2310 by changing the saturation by 10% instead.

■ 135.6860, 73.6810,
-8.2310

■ 135.6860, 73.6810,
-8.2310

■ 255.0000, -0.0000,
-0.0000

■ 108.5070, 72.6270,
-11.1570

■ 188.8710, 74.5980,
-8.3300

■ 84.4230, 64.2360,
-7.7640

■ 207.6840, 58.8270,
-14.3650

■ 61.6640, 53.5520,
-1.3600

■ 227.0840, 42.7810,
-20.9230

■ 40.3780, 42.9140,
4.2100

■ 245.5380, 26.6430,
-25.8130

■ 18.5050, 32.5510,
10.3030

■ 248.7300, 17.6550,
-17.1050

■ 9.3830, 18.1550,
6.8830

■ 251.9220, 8.6670,

■ 0.0000, 0.0000,

-8.3970

0.0000

■ 135.6860, 73.6810,
-8.2310

■ 135.6860, 73.6810,
-8.2310

■ 127.5360, 82.8510,
-9.2210

■ 143.8360, 64.5110,
-7.2410

■ 119.3860, 92.0210,
-10.2110

■ 151.9860, 55.3410,
-6.2510

■ 160.1360, 46.1710,
-5.2610

■ 168.4000, 36.6800,
-3.9600

■ 176.5500, 27.5100,
-2.9700

■ 184.7000, 18.3400,
-1.9800

■ 192.8500, 9.1700,
-0.9900

■ 201.0000, -0.0000,
0.0000

■ 209.1500, -9.1700,
0.9900

Harmonies

Analogous

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



136.6330, 82.3410, 22.0610



135.6860, 73.6810, -8.2310



131.9470, 49.9360, -34.9600

Triad

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



135.6860, 73.6810, -8.2310



113.7270, -92.8830, -40.2670



143.2390, -15.2290, 39.2270

Complementary

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



135.6860, 73.6810, -8.2310



105.3140, -73.6810, 8.2310

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.



111.8710, -117.9700, 1.4060



135.6860, 73.6810, -8.2310



118.9540, -108.9790, -23.8830

Square

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



135.6860, 73.6810, -8.2310



105.8100, -74.7240, -55.4920



118.9490, -118.6100, -9.0260



141.9930, 38.5500, 50.2780

Rectangle

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



135.6860, 73.6810, -8.2310



128.5890, 21.4650, -42.1110



118.9490, -118.6100, -9.0260



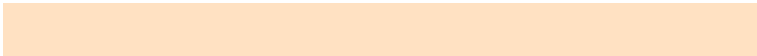
140.2900, -37.6020, 31.6940

Sweetspot

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



135.6860, 73.6810, -8.2310



230.4360, 27.8310, -3.2810



97.3730, 69.9550, 59.3230



112.6290, 17.1020, -1.5700



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.



135.6860, 73.6810, -8.2310



155.4560, 112.1950, -12.3890



182.6460, 51.6810, -50.0710



95.6260, 3.9890, -0.7070



96.8710, 74.5980, -8.3300



21.3300, 16.5060, -1.7820

Inverse Universe

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



105.3140, -73.6810, 8.2310



109.5440, -112.1950, 12.3890



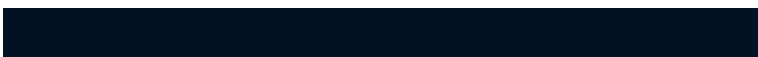
58.3540, -51.6810, 50.0710



93.3740, -3.9890, 0.7070



66.1290, -74.5980, 8.3300



14.6700, -16.5060, 1.7820

Previews

White Background



This preview shows how the YIQ color 135.6860, 73.6810, -8.2310 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 135.6860, 73.6810, -8.2310 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 135.6860, 73.6810, -8.2310

Background



This preview shows how black text looks on a background with the YIQ color 135.6860, 73.6810, -8.2310.



This preview shows how white text looks on a background with the YIQ color 135.6860, 73.6810, -8.2310.

-8.2310.

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

135.6860, 73.6810, -8.2310

Protanopia

134.8400, 40.3520, -26.4640

Deuteranopia

134.9840, 57.6820, -21.1500



Tritanopia

141.4200, 52.2640, 21.9920

Trichromacy



Original Color

135.6860, 73.6810, -8.2310

Protanomaly

135.2870, 52.4550, -20.0330

Deuteranomaly

135.5550, 63.5040, -16.5280

Tritanomaly

139.5760, 60.1520, 11.1920

Monochromacy



Original Color

135.6860, 73.6810, -8.2310

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2510, 26.9140, -3.1820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6860, 73.6810, -8.2310 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(201, 121, 40)` looks like.

```
.text, #text, p{  
    color:rgb(201, 121, 40)  
}
```

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(201, 121, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 121, 40) }
```

Border

The CSS property to change the border of an element to YIQ 135.6860, 73.6810, -8.2310 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(201, 121, 40) }
```


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

```
.border{ border-color:rgb(201, 121, 40) }
```

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

Here you see how a box with a 4 pixel rgb(201, 121, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 121, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 121, 40);  
box-shadow:4px 4px 4px 4px rgb(201, 121,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6860, 73.6810, -8.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 121, 40) }
```

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

```
.background{ background-color: rgb(201,  
121, 40) }
```

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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