

Converting Colors

YIQ(119.8100, 93.7630, -8.7410)

Have a look what the booklet for
YIQ(119.8100, 93.7630, -8.7410)
contains.

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Color

**YIQ(119.8100, 93.7630,
-8.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6401
RGB	204, 100, 1
RGB Percent	80%, 39%, 0%
CMY	0.1998, 0.6080, 0.9956
CMYK	0.00, 0.51, 0.99, 0.20
HSL	29°, 99%, 40%
HSV	29°, 99%, 80%
XYZ	29.4739, 21.9524, 2.7158
YIQ	119.8100, 93.7630, -8.7410

Conversions

Conversions Part 2

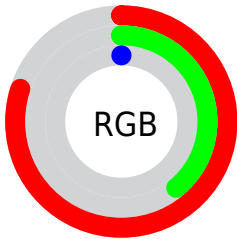
Format	Color
RYB	204, 194, 1
Decimal	13394945
CIELab	53.98, 36.81, 62.21
CIElCh	54, 72.287, 59.390
Yxy	21.9524, 0.5444, 0.4055
Android (android.graphics.Color)	4291585025 (0xFFCC6401)
YUV	119.8100, -58.5733, 73.8346
Hunter-Lab	46.8534, 30.2948, 29.3607

Details

The YIQ color **119.8100, 93.7630, -8.7410** 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 **85.1900, -93.7630, 8.7410**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8790, 89.3150, -5.2210**, and **71.8080, 70.8820, 3.9540** is the 20% darker color. If you saturate the color by 10%, you get **119.1090, 94.3590, -8.5290**, and if you desaturate by 10%, it is **128.0740, 84.2720, -7.4400**.

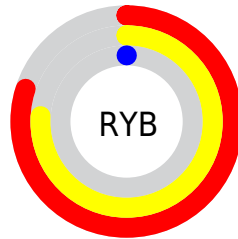
Distribution



Red (80%)

Green (39%)

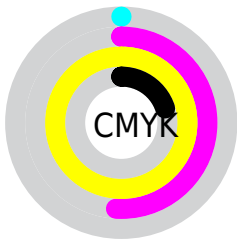
Blue (0%)



Red (80%)

Yellow (76%)

Blue (0%)

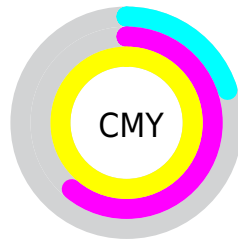


Cyan (0%)

Magenta (51%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8100, 93.7630, -8.7410 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 119.8100, 93.7630, -8.7410 by changing the saturation by 10% instead.

119.8100, 93.7630,
-8.7410

119.8100, 93.7630,
-8.7410

255.0000, -0.0000,
-0.0000

95.7520, 82.4830,
-2.5490

172.8790, 89.3150,
-5.2210

71.8080, 70.8820,
3.9540

192.2790, 73.2690,
-11.7790

47.5760, 60.1520,
11.1920

211.7930, 56.9020,
-18.0260

24.8170, 49.4680,
17.5960

231.3070, 40.5350,
-24.2730

16.7440, 33.3760,
11.8720

245.5380, 26.6430,
-25.8130

6.8770, 13.7080,
4.8760

248.7300, 17.6550,

0.0000, 0.0000,

-17.1050

0.0000

■ 252.0360, 8.3460,
-8.0860

■ 119.8100, 93.7630,
-8.7410

■ 119.8100, 93.7630,
-8.7410

■ 119.1090, 94.3590,
-8.5290

■ 128.0740, 84.2720,
-7.4400

■ 136.8110, 74.8270,
-6.9730

■ 144.9610, 65.6570,
-5.9830

■ 153.8120, 55.8910,
-5.2050

■ 161.9620, 46.7210,
-4.2150

■ 170.8130, 36.9550,
-3.4370

■ 178.9630, 27.7850,
-2.4470

■ 187.7000, 18.3400,
-1.9800

■ 195.9640, 8.8490,
-0.6790

Harmonies

Analogous

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



117.7910, 97.0560, 36.2240



119.8100, 93.7630, -8.7410



120.9050, 58.9220, -32.6140

Triad

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



119.8100, 93.7630, -8.7410



105.9360, -83.3460, -42.4020



129.4570, -36.2740, 40.6700

Complementary

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



119.8100, 93.7630, -8.7410



85.1900, -93.7630, 8.7410

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.



109.4890, -119.5300, 7.6540



119.8100, 93.7630, -8.7410



113.1180, -103.5690, -22.8090

Square

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



119.8100, 93.7630, -8.7410



96.0640, -61.0600, -60.8360



115.5410, -117.2810, -5.5770



128.5880, 35.7970, 61.6290

Rectangle

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



119.8100, 93.7630, -8.7410



116.2880, 32.3780, -47.1580



115.5410, -117.2810, -5.5770



119.9190, -73.2260, 27.5260

Sweetspot

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



119.8100, 93.7630, -8.7410



223.4430, 35.1210, -3.2390



73.6670, 87.2830, 75.6910



108.6680, 21.3660, -1.7540



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.



119.8100, 93.7630, -8.7410



149.0330, 117.8800, -10.7920



179.0970, 65.9880, -61.5640



97.9250, 4.5850, -0.4950



97.1810, 76.6610, -7.1710



22.5150, 17.4230, -1.8810

Inverse Universe

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



85.1900, -93.7630, 8.7410



105.9670, -117.8800, 10.7920



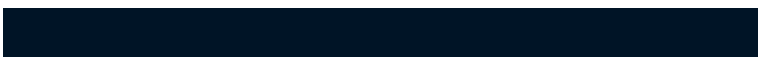
26.4900, -66.2630, 61.0410



96.0750, -4.5850, 0.4950



68.8190, -76.6610, 7.1710



16.0720, -17.6980, 1.3580

Previews

White Background



This preview shows how the YIQ color 119.8100, 93.7630, -8.7410 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 119.8100, 93.7630, -8.7410 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 119.8100, 93.7630, -8.7410

Background



This preview shows how black text looks on a background with the YIQ color 119.8100, 93.7630, -8.7410.



This preview shows how white text looks on a background with the YIQ color 119.8100, 93.7630, -8.7410.

-8.7410.

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

119.8100, 93.7630, -8.7410

Protanopia

122.0160, 45.4880, -31.4400

Deuteranopia

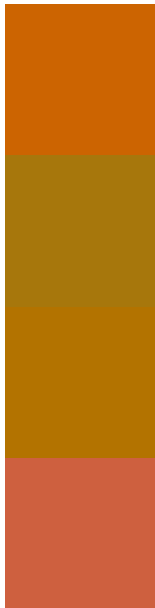
121.2370, 63.9190, -29.5610



Tritanopia

127.7700, 66.0180, 26.0340

Trichromacy



Original Color

119.8100, 93.7630, -8.7410

Protanomaly

121.1540, 62.9550, -23.1010

Deuteranomaly

121.0260, 75.0590, -22.1970

Tritanomaly

125.1280, 76.1530, 13.0570

Monochromacy



Original Color

119.8100, 93.7630, -8.7410

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.2580, 34.2040, -3.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8100, 93.7630, -8.7410 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(204, 100, 1)` looks like.

```
.text, #text, p{  
    color:rgb(204, 100, 1)  
}
```

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(204, 100, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 100, 1) }
```

Border

The CSS property to change the border of an element to YIQ 119.8100, 93.7630, -8.7410 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(204, 100, 1) }
```


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

```
.border{ border-color:rgb(204, 100, 1) }
```

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

Here you see how a box with a 4 pixel rgb(204, 100, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 100, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 100, 1);  
box-shadow:4px 4px 4px 4px rgb(204, 100,  
1) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8100, 93.7630, -8.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 100, 1) }
```

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

```
.background{ background-color: rgb(204,  
100, 1) }
```

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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