

Converting Colors

YIQ(119.4300, 97.8890, -6.4230)

Have a look what the booklet for
YIQ(119.4300, 97.8890, -6.4230)
contains.

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Color

**YIQ(119.4300, 97.8890,
-6.4230)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D16100 |
| RGB | 209, 97, 0 |
| RGB Percent | 82%, 38%, 0% |
| CMY | 0.1802, 0.6198, 0.9995 |
| CMYK | 0.00, 0.54, 1.00, 0.18 |
| HSL | 28°, 100%, 41% |
| HSV | 28°, 100%, 82% |
| XYZ | 30.5803, 22.1039, 2.6581 |
| YIQ | 119.4300, 97.8890, -6.4230 |

Conversions

Conversions Part 2

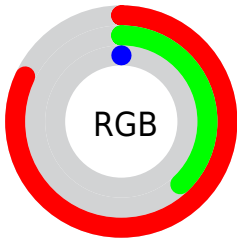
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 209, 181, 0 |
| Decimal | 13721856 |
| CIELab | 54.14, 40.30, 62.91 |
| CIELCh | 54, 74.708, 57.356 |
| Yxy | 22.1039, 0.5526, 0.3994 |
| Android (android.graphics.Color) | 4291911936 (0xFFD16100) |
| YUV | 119.4300, -58.8790, 78.5529 |
| Hunter-Lab | 47.0148, 33.8279, 29.5582 |

Details

The YIQ color **119.4300, 97.8890, -6.4230** 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 **89.5700, -97.8890, 6.4230**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.5910, 90.1860, -4.4860**, and **70.9550, 74.9620, 7.1060** is the 20% darker color. If you saturate the color by 10%, you get **119.4300, 97.8890, -6.4230**, and if you desaturate by 10%, it is **128.2810, 88.1230, -5.6450**.

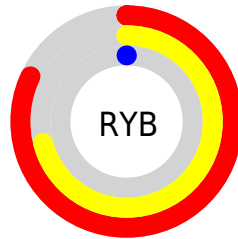
Distribution



Red (82%)

Green (38%)

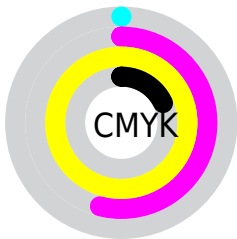
Blue (0%)



Red (82%)

Yellow (71%)

Blue (0%)

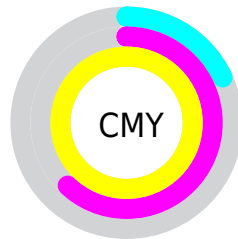


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.4300, 97.8890, -6.4230 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 119.4300, 97.8890, -6.4230 by changing the saturation by 10% instead.

119.4300, 97.8890,
-6.4230

119.4300, 97.8890,
-6.4230

255.0000, -0.0000,
-0.0000

94.8990, 86.5630,
0.6030

171.5910, 90.1860,
-4.4860

70.9550, 74.9620,
7.1060

190.4040, 74.4150,
-10.5210

45.2500, 64.1860,
15.1780

209.9180, 58.0480,
-16.7680

26.0130, 51.8520,
18.4440

230.0190, 41.4060,
-23.5380

17.6410, 35.1640,
12.5080

245.4240, 26.9640,
-26.1240

8.4860, 16.3670,
6.2470

248.7300, 17.6550,

0.0000, 0.0000,

-17.1050

0.0000

■ 251.9220, 8.6670,
-8.3970

■ 119.4300, 97.8890,
-6.4230

■ 128.2810, 88.1230,
-5.6450

■ 137.1320, 78.3570,
-4.8670

■ 146.5700, 68.3160,
-4.6120

■ 155.4210, 58.5500,
-3.8340

■ 164.2720, 48.7840,
-3.0560

■ 173.1230, 39.0180,
-2.2780

■ 181.8600, 29.5730,
-1.8110

■ 191.2980, 19.5320,
-1.5560

■ 200.1490, 9.7660,
-0.7780

Harmonies

Analogous

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



116.3940, 99.8520, 40.6200



119.4300, 97.8890, -6.4230



121.5140, 61.5810, -31.2430

Triad

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



119.4300, 97.8890, -6.4230



106.0670, -82.3370, -44.1690



128.3250, -44.7100, 39.3700

Complementary

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



119.4300, 97.8890, -6.4230



89.5700, -97.8890, 6.4230

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.



110.6630, -120.0800, 6.6080



119.4300, 97.8890, -6.4230



113.4770, -103.2020, -23.9540

Square

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



119.4300, 97.8890, -6.4230



95.8530, -59.0880, -63.5360



116.9430, -118.4730, -6.0010



129.5600, 33.0000, 62.7600

Rectangle

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



119.4300, 97.8890, -6.4230



117.4840, 34.7620, -46.3100



116.9430, -118.4730, -6.0010



113.7040, -91.7940, 22.6220

Sweetspot

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



119.4300, 97.8890, -6.4230



222.2690, 35.6710, -2.1930



75.6010, 87.6490, 80.0730



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.



119.4300, 97.8890, -6.4230



145.5110, 119.5300, -7.6540



179.3040, 69.8390, -59.7690



100.2240, 5.1810, -0.2830



96.0180, 78.6780, -5.1780



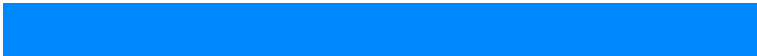
23.4120, 19.2110, -1.2450

Inverse Universe

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



89.5700, -97.8890, 6.4230



109.4890, -119.5300, 7.6540



30.2830, -70.1140, 59.2460



98.7760, -5.1810, 0.2830



71.9820, -78.6780, 5.1780



17.5880, -19.2110, 1.2450

Previews

White Background



This preview shows how the YIQ color 119.4300, 97.8890, -6.4230 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 119.4300, 97.8890, -6.4230 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 119.4300, 97.8890, -6.4230

Background



This preview shows how black text looks on a background with the YIQ color 119.4300, 97.8890, -6.4230.



This preview shows how white text looks on a background with the YIQ color 119.4300, 97.8890,

-6.4230.

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

119.4300, 97.8890, -6.4230

Protanopia

122.4290, 45.7630, -30.9170

Deuteranopia

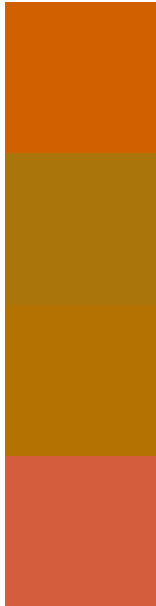
121.2370, 63.9190, -29.5610



Tritanopia

127.1620, 70.7860, 27.7300

Trichromacy



Original Color

119.4300, 97.8890, -6.4230

Protanomaly

121.4640, 65.0180, -21.9420

Deuteranomaly

120.7380, 75.9300, -21.4620

Tritanomaly

124.6340, 80.6000, 15.0640

Monochromacy



Original Color

119.4300, 97.8890, -6.4230

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2690, 35.6710, -2.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4300, 97.8890, -6.4230 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(209, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 97, 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(209, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 97, 0) }
```

Border

The CSS property to change the border of an element to YIQ 119.4300, 97.8890, -6.4230 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(209, 97, 0) }
```


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

```
.border{ border-color:rgb(209, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 119.4300, 97.8890, -6.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 97, 0) }
```

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

```
.background{ background-color: rgb(209, 97,  
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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