

Converting Colors

YIQ(123.0180, 105.0410,
-3.8790)

Have a look what the booklet for
YIQ(123.0180, 105.0410, -3.8790)
contains.

YIQ(123.0180, 105.0410, -3.8790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(123.0180, 105.0410,
-3.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6100
RGB	221, 97, 0
RGB Percent	87%, 38%, 0%
CMY	0.1331, 0.6198, 0.9995
CMYK	0.00, 0.56, 1.00, 0.13
HSL	26°, 100%, 43%
HSV	26°, 100%, 87%
XYZ	34.1076, 23.9215, 2.8233
YIQ	123.0180, 105.0410, -3.8790

Conversions

Conversions Part 2

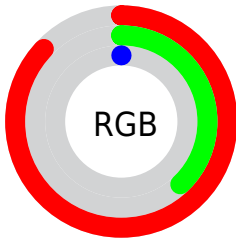
Format	Color
RYB	221, 173, 0
Decimal	14508288
CIELab	56.01, 44.93, 64.96
CIElCh	56, 78.980, 55.332
Yxy	23.9215, 0.5605, 0.3931
Android (android.graphics.Color)	4292698368 (0xFFDD6100)
YUV	123.0180, -60.6479, 85.9302
Hunter-Lab	48.9096, 38.8866, 30.8143

Details

The YIQ color **123.0180, 105.0410, -3.8790** 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 **97.9820, -105.0410, 3.8790**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.7050, 89.8650, -4.1750**, and **73.0700, 82.0680, 10.4840** is the 20% darker color. If you saturate the color by 10%, you get **123.0180, 105.0410, -3.8790**, and if you desaturate by 10%, it is **132.5700, 94.6790, -3.3130**.

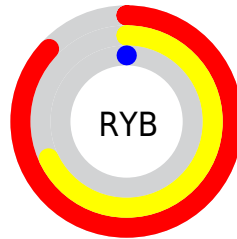
Distribution



Red (87%)

Green (38%)

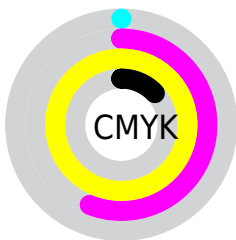
Blue (0%)



Red (87%)

Yellow (68%)

Blue (0%)

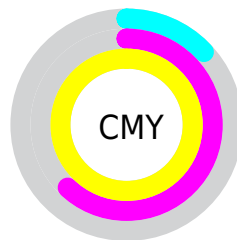


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.0180, 105.0410, -3.8790 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 123.0180, 105.0410, -3.8790 by changing the saturation by 10% instead.

123.0180,
105.0410, -3.8790

123.0180,
105.0410, -3.8790

255.0000, -0.0000,
-0.0000

98.1880, 93.1190,
2.9350

171.7050, 89.8650,
-4.1750

73.0700, 82.0680,
10.4840

191.1050, 73.8190,
-10.7330

45.6040, 72.1170,
20.1250

210.6190, 57.4520,
-16.9800

29.0030, 57.8120,
20.5640

230.7200, 40.8100,
-23.7500

20.3320, 40.5280,
14.4160

245.6520, 26.3220,
-25.5020

12.3730, 24.1150,
9.0030

248.8440, 17.3340,

0.0000, 0.0000,

-16.7940

0.0000

252.1500, 8.0250,
-7.7750

123.0180,
105.0410, -3.8790

132.5700, 94.6790,
-3.3130

142.7090, 84.0420,
-3.2700

152.2610, 73.6800,
-2.7040

162.5140, 62.7220,
-2.3500

172.0660, 52.3600,
-1.7840

■ 181.6180, 41.9980,
-1.2180

■ 191.7570, 31.3610,
-1.1750

■ 201.3090, 20.9990,
-0.6090

■ 211.4480, 10.3620,
-0.5660

Harmonies

Analogous

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



117.9160, 107.3700, 47.5460



123.0180, 105.0410, -3.8790



126.2650, 66.7160, -30.6920

Triad

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



123.0180, 105.0410, -3.8790



109.4750, -83.6660, -47.6180



130.2960, -54.9340, 37.4340

Complementary

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



123.0180, 105.0410, -3.8790



97.9820, -105.0410, 3.8790

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.



114.7720, -122.0050, 2.9470



123.0180, 105.0410, -3.8790



118.0420, -106.4110, -26.3710

Square

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



123.0180, 105.0410, -3.8790



98.2180, -58.8580, -67.7060



121.4910, -123.0120, -6.3400



134.4120, 30.6610, 66.6050

Rectangle

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



123.0180, 105.0410, -3.8790



122.2240, 38.4300, -46.7060



121.4910, -123.0120, -6.3400



105.9670, -117.8800, 10.7920

Sweetspot

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



123.0180, 105.0410, -3.8790



221.0950, 36.2210, -1.1470



80.3290, 91.5910, 85.7270



107.4940, 21.9160, -0.7080



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.



123.0180, 105.0410, -3.8790



141.9890, 121.1800, -4.5160



187.0010, 75.0660, -60.8860



104.6370, 5.4560, 0.2400



96.3390, 82.2080, -3.0720



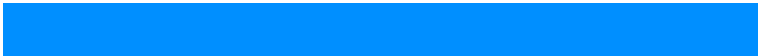
25.4940, 21.9160, -0.7080

Inverse Universe

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



97.9820, -105.0410, 3.8790



113.0110, -121.1800, 4.5160



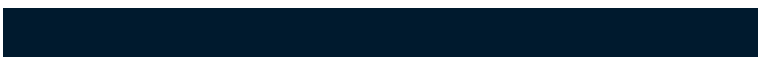
33.9990, -75.0660, 60.8860



103.7760, -5.1810, 0.2830



76.6610, -82.2080, 3.0720



20.5060, -21.9160, 0.7080

Previews

White Background



This preview shows how the YIQ color 123.0180, 105.0410, -3.8790 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 123.0180, 105.0410, -3.8790 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 123.0180, 105.0410, -3.8790

Background



This preview shows how black text looks on a background with the YIQ color 123.0180, 105.0410, -3.8790.



This preview shows how white text looks on a background with the YIQ color 123.0180, 105.0410, -3.8790.

-3.8790.

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

123.0180, 105.0410, -3.8790

Protanopia

127.0870, 46.7260, -31.8500

Deuteranopia

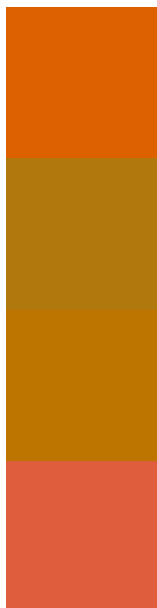
125.9660, 66.1200, -30.9040



Tritanopia

130.7500, 77.9380, 30.2740

Trichromacy



Original Color

123.0180, 105.0410, -3.8790

Protanomaly

125.4320, 68.0440, -21.7160

Deuteranomaly

125.1900, 80.4690, -21.1230

Tritanomaly

128.2220, 87.7520, 17.6080

Monochromacy



Original Color

123.0180, 105.0410, -3.8790

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.3510, 38.3760, -1.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0180, 105.0410, -3.8790 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(221, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 97, 0) }
```

Border

The CSS property to change the border of an element to YIQ 123.0180, 105.0410, -3.8790 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(221, 97, 0) }
```


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

```
.border{ border-color:rgb(221, 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(221, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(221, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 123.0180, 105.0410, -3.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 97, 0) }
```

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

```
.background{ background-color: rgb(221, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor