

Converting Colors

YIQ(116.4950, 99.2640, -3.8080)

Have a look what the booklet for
YIQ(116.4950, 99.2640, -3.8080)
contains.

YIQ(116.4950, 99.2640, -3.8080)	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(116.4950, 99.2640,
-3.8080)**

Conversions

Conversions Part 1

Format	Color
Hex	D15C00
RGB	209, 92, 0
RGB Percent	82%, 36%, 0%
CMY	0.1802, 0.6394, 0.9995
CMYK	0.00, 0.56, 1.00, 0.18
HSL	26°, 100%, 41%
HSV	26°, 100%, 82%
XYZ	30.1340, 21.2095, 2.5090
YIQ	116.4950, 99.2640, -3.8080

Conversions

Conversions Part 2

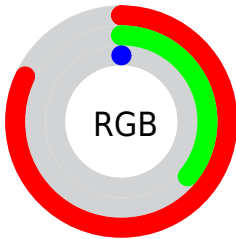
Format	Color
RYB	209, 164, 0
Decimal	13720576
CIELab	53.18, 42.76, 62.36
CIElCh	53, 75.610, 55.563
Yxy	21.2095, 0.5596, 0.3938
Android (android.graphics.Color)	4291910656 (0xFFD15C00)
YUV	116.4950, -57.4320, 81.1269
Hunter-Lab	46.0538, 36.2021, 29.0075

Details

The YIQ color **116.4950, 99.2640, -3.8080** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **92.5050, -99.2640, 3.8080**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5420, 91.8820, -2.1820**, and **67.4330, 76.6120, 10.2440** is the 20% darker color. If you saturate the color by 10%, you get **116.4950, 99.2640, -3.8080**, and if you desaturate by 10%, it is **125.9330, 89.2230, -3.5530**.

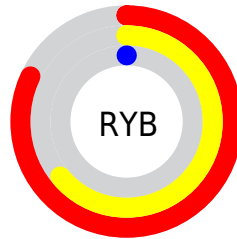
Distribution



Red (82%)

Green (36%)

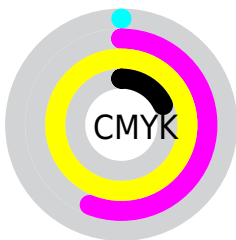
Blue (0%)



Red (82%)

Yellow (64%)

Blue (0%)

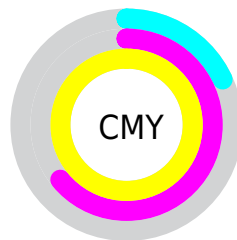


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.4950, 99.2640, -3.8080 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 116.4950, 99.2640, -3.8080 by changing the saturation by 10% instead.


 116.4950, 99.2640,
-3.8080


 116.4950, 99.2640,
-3.8080


255.0000, -0.0000,
-0.0000


 91.9640, 87.9380,
3.2180


 168.5420, 91.8820,
-2.1820


 67.4330, 76.6120,
10.2440


 187.3550, 76.1110,
-8.2170


 39.3800, 66.9360,
20.4080


 206.8690, 59.7440,
-14.4640

 25.7140, 51.2560,
18.2320

 226.9700, 43.1020,
-21.2340

 17.6410, 35.1640,
12.5080

 245.3100, 27.2850,
-26.4350

 7.8880, 15.1750,
5.8230

 248.5020, 18.2970,

 0.0000, 0.0000,

-17.7270

0.0000

■ 251.8080, 8.9880,
-8.7080

■ 116.4950, 99.2640,
-3.8080

■ 125.9330, 89.2230,
-3.5530

■ 134.7840, 79.4570,
-2.7750

■ 144.2220, 69.4160,
-2.5200

■ 153.6600, 59.3750,
-2.2650

■ 163.0980, 49.3340,
-2.0100

■ 171.9490, 39.5680,
-1.2320

■ 181.2730, 29.8480,
-1.2880

■ 190.7110, 19.8070,
-1.0330

■ 199.5620, 10.0410,
-0.2550

Harmonies

Analogous

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



111.9860, 101.1810, 44.0690



116.4950, 99.2640, -3.8080



119.4650, 63.2770, -28.9390

Triad

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



116.4950, 99.2640, -3.8080



103.5080, -79.2650, -44.7770



123.9650, -52.5040, 37.4480

Complementary

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



116.4950, 99.2640, -3.8080



92.5050, -99.2640, 3.8080

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.



110.0760, -119.8050, 7.1310



116.4950, 99.2640, -3.8080



111.7330, -101.0470, -24.4630

Square

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



116.4950, 99.2640, -3.8080



93.1800, -55.6950, -64.4550



115.3130, -116.6390, -6.1990



126.8200, 29.3320, 63.1560

Rectangle

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



116.4950, 99.2640, -3.8080



115.1360, 35.8620, -44.2180



115.3130, -116.6390, -6.1990



101.7440, -115.6340, 14.1420

Sweetspot

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



116.4950, 99.2640, -3.8080



221.0950, 36.2210, -1.1470



76.0570, 86.3650, 81.3170



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.



116.4950, 99.2640, -3.8080



141.9890, 121.1800, -4.5160



176.9560, 70.9390, -57.6770



100.2240, 5.1810, -0.2830



93.6700, 79.7780, -3.0860



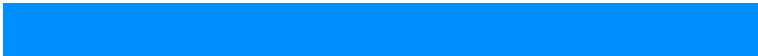
22.8250, 19.4860, -0.7220

Inverse Universe

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



92.5050, -99.2640, 3.8080



113.0110, -121.1800, 4.5160



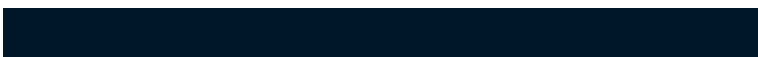
32.0440, -70.9390, 57.6770



98.7760, -5.1810, 0.2830



74.3300, -79.7780, 3.0860



18.1750, -19.4860, 0.7220

Previews

White Background



This preview shows how the YIQ color 116.4950, 99.2640, -3.8080 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 116.4950, 99.2640, -3.8080 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 116.4950, 99.2640, -3.8080

Background



This preview shows how black text looks on a background with the YIQ color 116.4950, 99.2640, -3.8080.



This preview shows how white text looks on a background with the YIQ color 116.4950, 99.2640,

-3.8080.

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

116.4950, 99.2640, -3.8080

Protanopia

120.4720, 44.2040, -30.1960

Deuteranopia

119.1660, 62.6810, -29.1510



Tritanopia

123.9450, 72.8950, 28.0550

Trichromacy



Original Color

116.4950, 99.2640, -3.8080

Protanomaly

119.2190, 64.3300, -20.4860

Deuteranomaly

117.7920, 75.8380, -19.7940

Tritanomaly

121.0580, 82.3420, 16.5340

Monochromacy



Original Color

116.4950, 99.2640, -3.8080

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.0950, 36.2210, -1.1470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.4950, 99.2640, -3.8080 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, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 92, 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, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 92, 0) }
```

Border

The CSS property to change the border of an element to YIQ 116.4950, 99.2640, -3.8080 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, 92, 0) }
```


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

```
.border{ border-color:rgb(209, 92, 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, 92, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 116.4950, 99.2640, -3.8080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 92, 0) }
```

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

```
.background{ background-color: rgb(209, 92,  
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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