

Converting Colors

YIQ(112.0100, 99.4920, 3.0760)

Have a look what the booklet for
YIQ(112.0100, 99.4920, 3.0760)
contains.

YIQ(112.0100, 99.4920, 3.0760)	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(112.0100, 99.4920,
3.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	D15307
RGB	209, 83, 7
RGB Percent	82%, 33%, 3%
CMY	0.1801, 0.6747, 0.9721
CMYK	0.00, 0.60, 0.97, 0.18
HSL	23°, 93%, 42%
HSV	23°, 97%, 82%
XYZ	29.4409, 19.7587, 2.4664
YIQ	112.0100, 99.4920, 3.0760

Conversions

Conversions Part 2

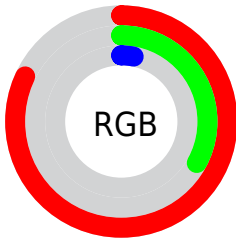
Format	Color
RYB	209, 129, 7
Decimal	13718279
CIELab	51.56, 47.08, 59.90
CIElCh	52, 76.189, 51.831
Yxy	19.7587, 0.5698, 0.3824
Android (android.graphics.Color)	4291908359 (0xFFD15307)
YUV	112.0100, -51.7699, 85.0602
Hunter-Lab	44.4507, 40.4365, 27.8257

Details

The YIQ color **112.0100, 99.4920, 3.0760** 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 **103.9900, -99.4920, -3.0760**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4870, 93.7150, 3.1470**, and **60.0900, 79.3160, 16.3080** is the 20% darker color. If you saturate the color by 10%, you get **108.8640, 102.8390, 2.9910**, and if you desaturate by 10%, it is **122.0350, 89.1760, 2.8080**.

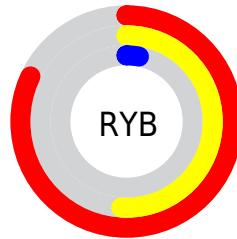
Distribution



Red (82%)

Green (33%)

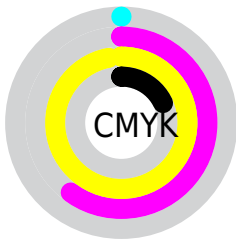
Blue (3%)



Red (82%)

Yellow (51%)

Blue (3%)

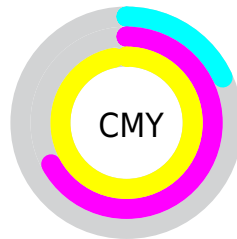


Cyan (0%)

Magenta (60%)

Yellow (97%)

Black (18%)



Cyan (18%)


Magenta (67%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.0100, 99.4920, 3.0760 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 112.0100, 99.4920, 3.0760 by changing the saturation by 10% instead.


 112.0100, 99.4920,
3.0760


 112.0100, 99.4920,
3.0760


255.0000, -0.0000,
-0.0000


 85.7950, 90.0920,
8.2360


 163.4870, 93.7150,
3.1470


 59.5030, 79.5910,
16.8310


 182.8870, 77.6690,
-3.4110


 34.3850, 68.5400,
24.3800


 202.2870, 61.6230,
-9.9690

 25.4150, 50.6600,
18.0200

 221.8010, 45.2560,
-16.2160

 17.4560, 34.2470,
12.6070

 241.9020, 28.6140,
-22.9860

 6.8770, 13.7080,
4.8760

 248.6160, 17.9760,

 0.0000, 0.0000,

-17.4160

0.0000

■ 251.9220, 8.6670,
-8.3970

■ 112.0100, 99.4920,
3.0760

■ 112.0100, 99.4920,
3.0760

■ 108.8640,
102.8390, 2.9910

■ 122.0350, 89.1760,
2.8080

■ 132.0600, 78.8600,
2.5400

■ 142.0850, 68.5440,
2.2720

■ 152.1100, 58.2280,
2.0040

■ 162.1350, 47.9120,
1.7360

■ 172.1600, 37.5960,
1.4680

■ 182.0710, 27.6010,
0.8890

■ 192.0960, 17.2850,
0.6210

■ 202.1210, 6.9690,
0.3530

Harmonies

Analogous

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



104.5010, 101.4090, 50.9530



112.0100, 99.4920, 3.0760



115.9540, 66.3940, -24.8540

Triad

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



112.0100, 99.4920, 3.0760



99.6780, -73.9920, -46.7280



114.6960, -70.9800, 30.8760

Complementary

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



112.0100, 99.4920, 3.0760



103.9900, -99.4920, -3.0760

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.



108.6740, -118.6130, 7.5550



112.0100, 99.4920, 3.0760



108.0170, -96.0950, -26.1030

Square

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



112.0100, 99.4920, 3.0760



88.5350, -49.5050, -66.5050



112.5260, -112.9250, -7.4290



123.5740, 21.2170, 61.5450

Rectangle

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



112.0100, 99.4920, 3.0760



112.8100, 39.8960, -40.2320



112.5260, -112.9250, -7.4290



100.9290, -114.7170, 14.0430

Sweetspot

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



112.0100, 99.4920, 3.0760



219.5620, 36.4040, 1.0440



81.9900, 79.3040, 82.6320



106.4340, 22.1450, 0.6490



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.



112.0100, 99.4920, 3.0760



132.5970, 125.5800, 3.8520



170.1230, 72.2670, -48.7010



99.6370, 5.4560, 0.2400



87.2130, 82.8030, 2.6670



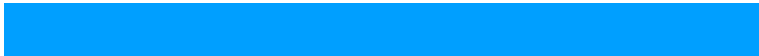
21.0640, 20.3110, 0.8470

Inverse Universe

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



103.9900, -99.4920, -3.0760



122.4030, -125.5800, -3.8520



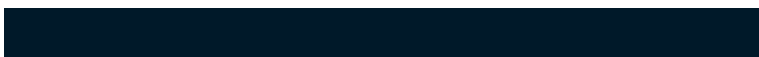
45.8770, -72.2670, 48.7010



99.3630, -5.4560, -0.2400



80.7870, -82.8030, -2.6670



19.3490, -20.0360, -0.3240

Previews

White Background



This preview shows how the YIQ color 112.0100, 99.4920, 3.0760 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 112.0100, 99.4920, 3.0760 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 112.0100, 99.4920, 3.0760

Background



This preview shows how black text looks on a background with the YIQ color 112.0100, 99.4920, 3.0760.



This preview shows how white text looks on a background with the YIQ color 112.0100, 99.4920,

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

112.0100, 99.4920, 3.0760

Protanopia

116.8570, 41.6820, -28.5420

Deuteranopia

115.3230, 60.8010, -28.1190



Tritanopia

117.6360, 78.2590, 29.9630

Trichromacy



Original Color

112.0100, 99.4920, 3.0760

Protanomaly

114.9570, 62.3120, -16.9520

Deuteranomaly

114.3020, 74.4620, -16.8820

Tritanomaly

115.4330, 85.7800, 20.3080

Monochromacy



Original Color

112.0100, 99.4920, 3.0760

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6760, 36.0830, 1.3550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0100, 99.4920, 3.0760 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, 83, 7)` looks like.

```
.text, #text, p{  
    color:rgb(209, 83, 7)  
}
```

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, 83, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 83, 7) }
```

Border

The CSS property to change the border of an element to YIQ 112.0100, 99.4920, 3.0760 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, 83, 7) }
```


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

```
.border{ border-color:rgb(209, 83, 7) }
```

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

Here you see how a box with a 4 pixel rgb(209, 83, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 83, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 83, 7);  
box-shadow:4px 4px 4px 4px rgb(209, 83, 7)  
}
```

Background

The CSS property to change the background color of an element to YIQ 112.0100, 99.4920, 3.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 83, 7) }
```

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

```
.background{ background-color: rgb(209, 83,  
7) }
```

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