

Converting Colors

YIQ(110.7350, 116.6840,
10.8920)

Have a look what the booklet for
YIQ(110.7350, 116.6840, 10.8920)
contains.

YIQ(110.7350, 116.6840, 10.8920)	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(110.7350, 116.6840,
10.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	E54800
RGB	229, 72, 0
RGB Percent	90%, 28%, 0%
CMY	0.1016, 0.7179, 0.9995
CMYK	0.00, 0.69, 1.00, 0.10
HSL	19°, 100%, 45%
HSV	19°, 100%, 90%
XYZ	34.6537, 21.2983, 2.2883
YIQ	110.7350, 116.6840, 10.8920

Conversions

Conversions Part 2

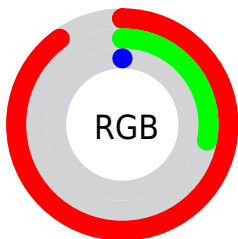
Format	Color
R_{YB}	229, 105, 0
Decimal	15026176
CIE _{Lab}	53.27, 58.60, 64.25
CIE _{LCh}	53, 86.957, 47.631
Yxy	21.2983, 0.5950, 0.3657
Android (android.graphics.Color)	4293216256 (0xFFE54800)
YUV	110.7350, -54.5924, 103.7184
Hunter-Lab	46.1501, 53.2715, 29.3652

Details

The YIQ color **110.7350, 116.6840, 10.8920** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **118.2650, -116.6840, -10.8920**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4490, 96.8780, 6.3980**, and **49.0360, 97.7440, 34.7680** is the 20% darker color. If you saturate the color by 10%, you get **110.7350, 116.6840, 10.8920**, and if you desaturate by 10%, it is **122.7490, 104.9010, 9.6770**.

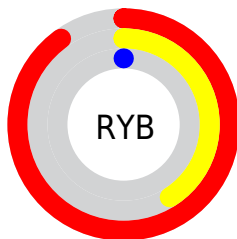
Distribution



Red (90%)

Green (28%)

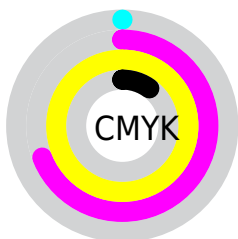
Blue (0%)



Red (90%)

Yellow (41%)

Blue (0%)

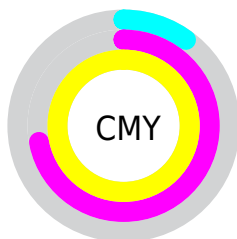


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (72%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.7350, 116.6840, 10.8920 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 110.7350, 116.6840, 10.8920 by changing the saturation by 10% instead.


 110.7350,
116.6840, 10.8920


 110.7350,
116.6840, 10.8920


254.7720, 0.6420,
-0.6220


 82.6710, 105.5410,
20.1090


 158.4490, 96.8780,
6.3980


 49.0360, 97.7440,
34.7680


 177.8490, 80.8320,
-0.1600


 39.4680, 78.6720,
27.9840


 197.8360, 64.5110,
-7.2410

 30.1990, 60.1960,
21.4120

 217.9370, 47.8690,
-14.0110

 21.7560, 42.2700,
15.8860

 238.0380, 31.2270,
-20.7810

 12.6720, 24.7110,
9.2150

 248.2740, 18.9390,

 0.0000, 0.0000,

-18.3490

0.0000

■ 251.4660, 9.9510,
-9.6410

■ 110.7350,
116.6840, 10.8920

■ 122.7490,
104.9010, 9.6770

■ 134.1760, 93.3930,
8.9850

■ 146.1900, 81.6100,
7.7700

■ 158.2040, 69.8270,
6.5550

■ 170.2180, 58.0440,
5.3400

■ 181.6450, 46.5360,
4.6480

■ 193.5450, 35.0740,
3.1220

■ 205.5590, 23.2910,
1.9070

■ 216.9860, 11.7830,
1.2150

Harmonies

Analogous

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



85.5650, 122.8610, 80.6930



110.7350, 116.6840, 10.8920



120.1510, 76.2050, -20.9390

Triad

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



110.7350, 116.6840, 10.8920



102.0600, -72.4320, -52.9760



100.6840, -115.4050, 15.4990

Complementary

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



110.7350, 116.6840, 10.8920



118.2650, -116.6840, -10.8920

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



110.7350, 116.6840, 10.8920



112.2400, -98.3410, -29.4530

Square

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



110.7350, 116.6840, 10.8920



88.0500, -41.2500, -78.4500



118.7040, -119.2980, -7.5700



127.5980, 12.6420, 68.2740

Rectangle

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



110.7350, 116.6840, 10.8920



118.1590, 46.2230, -39.2570



118.7040, -119.2980, -7.5700



105.9670, -117.8800, 10.7920

Sweetspot

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



110.7350, 116.6840, 10.8920



215.2250, 38.9710, 4.0830



86.7110, 85.1240, 98.3080



103.9720, 23.5660, 2.4300



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.



110.7350, 116.6840, 10.8920



123.2050, 129.9800, 12.2200



175.8920, 86.1590, -47.1610



108.9360, 6.0520, 0.4520



86.3930, 91.2840, 8.6600



24.6410, 25.9960, 2.4440

Inverse Universe

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



118.2650, -116.6840, -10.8920



131.7950, -129.9800, -12.2200



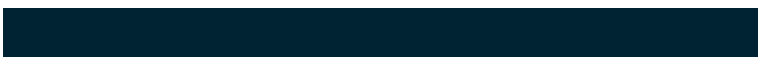
53.1080, -86.1590, 47.1610



109.0640, -6.0520, -0.4520



92.6070, -91.2840, -8.6600



26.3590, -25.9960, -2.4440

Previews

White Background



This preview shows how the YIQ color 110.7350, 116.6840, 10.8920 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 110.7350, 116.6840, 10.8920 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 110.7350, 116.6840, 10.8920

Background



This preview shows how black text looks on a background with the YIQ color 110.7350, 116.6840, 10.8920.



This preview shows how white text looks on a background with the YIQ color 110.7350, 116.6840,

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

110.7350, 116.6840, 10.8920

Protanopia

121.0420, 42.5990, -28.6410

Deuteranopia

119.1660, 62.6810, -29.1510



Tritanopia

116.0790, 96.1850, 35.4890

Trichromacy



Original Color

110.7350, 116.6840, 10.8920

Protanomaly

117.5450, 69.4640, -14.4080

Deuteranomaly

116.0750, 82.5310, -14.4370

Tritanomaly

114.4030, 103.6600, 26.6680

Monochromacy



Original Color

110.7350, 116.6840, 10.8920

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0790, 42.3180, 3.9980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.7350, 116.6840, 10.8920 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(229, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 72, 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(229, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 72, 0) }
```

Border

The CSS property to change the border of an element to YIQ 110.7350, 116.6840, 10.8920 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(229, 72, 0) }
```


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

```
.border{ border-color:rgb(229, 72, 0) }
```

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

Here you see how a box with a 4 pixel rgb(229, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 110.7350, 116.6840, 10.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 72, 0) }
```

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

```
.background{ background-color: rgb(229, 72,  
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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