

Converting Colors

YIQ(119.9330, 107.5590,
16.5750)

Have a look what the booklet for
YIQ(119.9330, 107.5590, 16.5750)
contains.

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Color

**YIQ(119.9330, 107.5590,
16.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	E9501D
RGB	233, 80, 29
RGB Percent	91%, 31%, 11%
CMY	0.0859, 0.6865, 0.8858
CMYK	0.00, 0.66, 0.88, 0.09
HSL	15°, 82%, 51%
HSV	15°, 88%, 91%
XYZ	36.7191, 23.1551, 3.7042
YIQ	119.9330, 107.5590, 16.5750

Conversions

Conversions Part 2

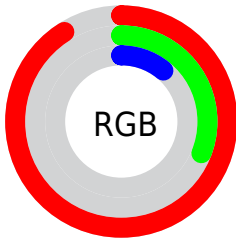
Format	Color
RYB	233, 97, 29
Decimal	15290397
CIELab	55.23, 57.12, 58.01
CIELCh	55, 81.413, 45.441
Yxy	23.1551, 0.5775, 0.3642
Android (android.graphics.Color)	4293480477 (0xFFE9501D)
YUV	119.9330, -44.8300, 99.1598
Hunter-Lab	48.1197, 52.0000, 29.1198

Details

The YIQ color **119.9330, 107.5590, 16.5750** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **142.0670, -107.5590, -16.5750**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **165.1970, 88.9000, 7.8120**, and **57.5750, 97.4240, 29.5520** is the 20% darker color. If you saturate the color by 10%, you get **106.7450, 119.8920, 18.8360**, and if you desaturate by 10%, it is **132.5340, 95.5010, 14.8370**.

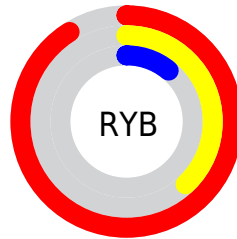
Distribution



Red (91%)

Green (31%)

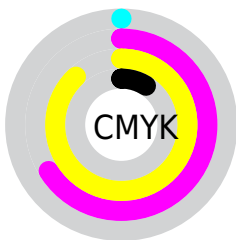
Blue (11%)



Red (91%)

Yellow (38%)

Blue (11%)

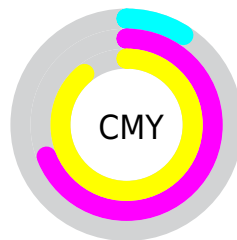


Cyan (0%)

Magenta (66%)

Yellow (88%)

Black (9%)



Cyan (9%)


Magenta (69%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.9330, 107.5590, 16.5750 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 119.9330, 107.5590, 16.5750 by changing the saturation by 10% instead.


 119.9330,
107.5590, 16.5750


 119.9330,
107.5590, 16.5750


255.0000, -0.0000,
-0.0000


 90.0360, 105.7710,
15.9390


 165.1970, 88.9000,
7.8120


 56.9880, 97.6990,
30.0750


 184.5970, 72.8540,
1.2540


 40.9630, 81.6520,
29.0440


 203.9970, 56.8080,
-5.3040

 31.6940, 63.1760,
22.4720

 224.0980, 40.1660,
-12.0740

 22.8380, 44.9750,
16.4230

 244.7860, 23.2490,
-19.3670

 14.2810, 27.3700,
10.5860

 250.3260, 13.1610,

 0.0000, 0.0000,

-12.7510

0.0000

253.6320, 3.8520,
-3.7320

119.9330,
107.5590, 16.5750

119.9330,
107.5590, 16.5750

106.7450,
119.8920, 18.8360

132.5340, 95.5010,
14.8370

103.7130,
122.9180, 19.0620

145.8360, 82.8470,
12.8870

158.4370, 70.7890,
11.1490

171.6250, 58.4560,
8.8880

184.3400, 46.0770,
7.4610

■ 197.5280, 33.7440,
5.2000

■ 210.1290, 21.6860,
3.4620

■ 223.4310, 9.0320,
1.5120

■ 236.0320, -3.0260,
-0.2260

Harmonies

Analogous

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



108.6520, 108.8340, 65.0740



119.9330, 107.5590, 16.5750



124.3040, 80.1480, -20.8120

Triad

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



119.9330, 107.5590, 16.5750



104.6360, -74.1740, -54.4460



104.7930, -117.3300, 11.8380

Complementary

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



119.9330, 107.5590, 16.5750



142.0670, -107.5590, -16.5750

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.



117.7070, -123.3800, 0.3320



119.9330, 107.5590, 16.5750



114.2460, -98.4780, -32.4780

Square

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



119.9330, 107.5590, 16.5750



95.1820, -32.8140, -77.1500



120.3680, -118.4720, -11.5280



134.3750, 5.7200, 61.5600

Rectangle

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



119.9330, 107.5590, 16.5750



123.2090, 51.9540, -38.4940



120.3680, -118.4720, -11.5280



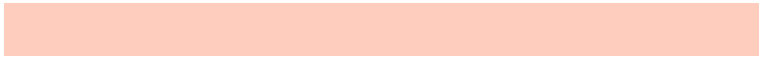
110.0760, -119.8050, 7.1310

Sweetspot

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



119.9330, 107.5590, 16.5750



218.1260, 34.9360, 5.6240



107.7800, 71.5080, 91.7640



105.8300, 21.0900, 3.2500



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.



119.9330, 107.5590, 16.5750



113.8130, 134.3800, 20.5880



178.0460, 80.3340, -35.2020



110.4630, 6.0060, 1.2860



80.5340, 95.5010, 14.8370



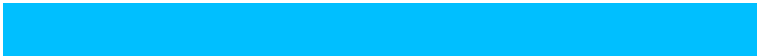
23.7770, 28.6090, 4.6490

Inverse Universe

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



142.0670, -107.5590, -16.5750



141.1870, -134.3800, -20.5880



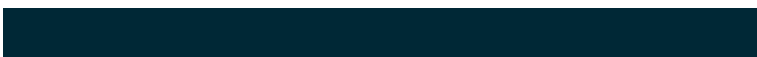
84.5410, -80.6090, 34.6790



111.9500, -5.7310, -0.7630



100.4660, -95.5010, -14.8370



29.6360, -28.3340, -4.1260

Previews

White Background



This preview shows how the YIQ color 119.9330, 107.5590, 16.5750 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 119.9330, 107.5590, 16.5750 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 119.9330, 107.5590, 16.5750

Background



This preview shows how black text looks on a background with the YIQ color 119.9330, 107.5590, 16.5750.



This preview shows how white text looks on a background with the YIQ color 119.9330, 107.5590, 16.5750.

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

119.9330, 107.5590, 16.5750

Protanopia

127.4100, 38.7470, -24.9090

Deuteranopia

124.1940, 65.4780, -30.2820



Tritanopia

122.9970, 93.4800, 34.9520

Trichromacy



Original Color

119.9330, 107.5590, 16.5750

Protanomaly

124.9560, 64.0530, -9.9550

Deuteranomaly

122.6450, 80.9260, -12.8820

Tritanomaly

122.1190, 98.7080, 28.3080

Monochromacy



Original Color

119.9330, 107.5590, 16.5750

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.6920, 39.1540, 6.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9330, 107.5590, 16.5750 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(233, 80, 29)` looks like.

```
.text, #text, p{  
    color:rgb(233, 80, 29)  
}
```

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(233, 80, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 80, 29) }
```

Border

The CSS property to change the border of an element to YIQ 119.9330, 107.5590, 16.5750 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(233, 80, 29) }
```


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

```
.border{ border-color:rgb(233, 80, 29) }
```

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

Here you see how a box with a 4 pixel rgb(233, 80, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 80, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 80, 29);  
box-shadow:4px 4px 4px 4px rgb(233, 80,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9330, 107.5590, 16.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 80, 29) }
```

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

```
.background{ background-color: rgb(233, 80,  
29) }
```

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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