

Converting Colors

YIQ(115.2750, 106.5960,
17.5080)

Have a look what the booklet for
YIQ(115.2750, 106.5960, 17.5080)
contains.

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Color

**YIQ(115.2750, 106.5960,
17.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	E44B1B
RGB	228, 75, 27
RGB Percent	89%, 29%, 11%
CMY	0.1056, 0.7061, 0.8937
CMYK	0.00, 0.67, 0.88, 0.11
HSL	14°, 79%, 50%
HSV	14°, 88%, 89%
XYZ	34.7329, 21.6110, 3.3848
YIQ	115.2750, 106.5960, 17.5080

Conversions

Conversions Part 2

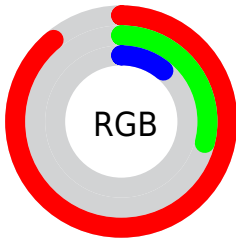
Format	Color
RYB	228, 90, 27
Decimal	14961435
CIELab	53.61, 57.42, 57.13
CIElCh	54, 81.001, 44.859
Yxy	21.6110, 0.5815, 0.3618
Android (android.graphics.Color)	4293151515 (0xFFE44B1B)
YUV	115.2750, -43.5196, 98.8598
Hunter-Lab	46.4876, 52.0114, 28.2245

Details

The YIQ color **115.2750, 106.5960, 17.5080** 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 **139.7250, -106.5960, -17.5080**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0340, 90.9170, 9.8050**, and **49.0360, 97.7440, 34.7680** is the 20% darker color. If you saturate the color by 10%, you get **102.6740, 118.6540, 19.2460**, and if you desaturate by 10%, it is **127.8760, 94.5380, 15.7700**.

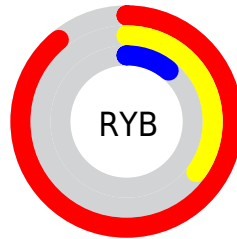
Distribution



Red (89%)

Green (29%)

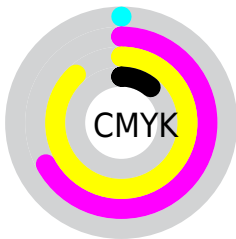
Blue (11%)



Red (89%)

Yellow (35%)

Blue (11%)

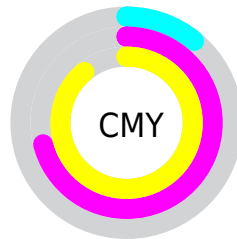


Cyan (0%)

Magenta (67%)

Yellow (88%)

Black (11%)



Cyan (11%)


Magenta (71%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.2750, 106.5960, 17.5080 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 115.2750, 106.5960, 17.5080 by changing the saturation by 10% instead.


 115.2750,
106.5960, 17.5080


 115.2750,
106.5960, 17.5080


255.0000, -0.0000,
-0.0000

 85.0190, 104.4410,
18.0170


 162.0340, 90.9170,
9.8050


 49.0360, 97.7440,
34.7680


 181.3200, 75.1920,
2.9360


 39.4680, 78.6720,
27.9840


 200.7200, 59.1460,
-3.6220

 30.1990, 60.1960,
21.4120

 220.8210, 42.5040,
-10.3920

 21.6420, 42.5910,
15.5750

 241.6230, 25.2660,
-17.3740

 12.6720, 24.7110,
9.2150

 250.0980, 13.8030,

 0.0000, 0.0000,

-13.3730

0.0000

253.2900, 4.8150,
-4.6650

115.2750,
106.5960, 17.5080

115.2750,
106.5960, 17.5080

102.6740,
118.6540, 19.2460

127.8760, 94.5380,
15.7700

99.8700, 121.0380,
20.0940

141.0640, 82.2050,
13.5090

153.6650, 70.1470,
11.7710

166.1520, 58.4100,
9.7220

179.3400, 46.0770,
7.4610

■ 191.9410, 34.0190,
5.7230

■ 205.1290, 21.6860,
3.4620

■ 217.7300, 9.6280,
1.7240

■ 230.2170, -2.1090,
-0.3250

Harmonies

Analogous

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



101.6460, 108.9710, 68.0990



115.2750, 106.5960, 17.5080



120.7600, 78.8640, -19.5680

Triad

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



115.2750, 106.5960, 17.5080



101.7180, -71.4690, -53.9090



102.4450, -116.2300, 13.9300

Complementary

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



115.2750, 106.5960, 17.5080



139.7250, -106.5960, -17.5080

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



115.2750, 106.5960, 17.5080



111.2140, -95.4520, -32.2520

Square

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



115.2750, 106.5960, 17.5080



91.6490, -32.6310, -74.9590



117.3360, -115.4460, -11.3020



130.2500, 4.5740, 60.3020

Rectangle

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



115.2750, 106.5960, 17.5080



119.0780, 50.9450, -36.7270



117.3360, -115.4460, -11.3020



107.7280, -118.7050, 9.2230

Sweetspot

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



115.2750, 106.5960, 17.5080



217.5390, 35.2110, 6.1470



104.6550, 70.3620, 90.5060



105.2430, 21.3650, 3.7730



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.



115.2750, 106.5960, 17.5080



112.0520, 135.2050, 22.1570



173.3880, 79.3710, -34.2690



108.3490, 6.3270, 0.9750



78.1750, 95.1340, 15.9820



22.2930, 27.0960, 4.5360

Inverse Universe

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



139.7250, -106.5960, -17.5080



142.9480, -135.2050, -22.1570



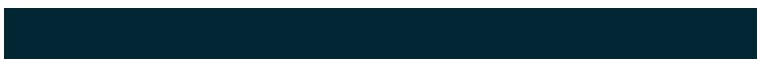
81.6120, -79.3710, 34.2690



109.6510, -6.3270, -0.9750



100.2380, -94.8590, -15.4590



28.7070, -27.0960, -4.5360

Previews

White Background



This preview shows how the YIQ color 115.2750, 106.5960, 17.5080 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 115.2750, 106.5960, 17.5080 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 115.2750, 106.5960, 17.5080

Background



This preview shows how black text looks on a background with the YIQ color 115.2750, 106.5960, 17.5080.



This preview shows how white text looks on a background with the YIQ color 115.2750, 106.5960,

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

115.2750, 106.5960, 17.5080

Protanopia

123.3390, 37.5090, -24.4990

Deuteranopia

120.3510, 63.5980, -29.2500



Tritanopia

117.9970, 93.4800, 34.9520

Trichromacy



Original Color

115.2750, 106.5960, 17.5080

Protanomaly

120.2980, 63.0900, -9.0220

Deuteranomaly

118.6880, 79.3670, -12.1610

Tritanomaly

117.2330, 98.3870, 28.6190

Monochromacy



Original Color

115.2750, 106.5960, 17.5080

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8060, 38.8330, 6.5850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2750, 106.5960, 17.5080 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(228, 75, 27)` looks like.

```
.text, #text, p{  
    color:rgb(228, 75, 27)  
}
```

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(228, 75, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 75, 27) }
```

Border

The CSS property to change the border of an element to YIQ 115.2750, 106.5960, 17.5080 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(228, 75, 27) }
```


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

```
.border{ border-color:rgb(228, 75, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 75, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 75, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 75, 27);  
box-shadow:4px 4px 4px 4px rgb(228, 75,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2750, 106.5960, 17.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 75, 27) }
```

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

```
.background{ background-color: rgb(228, 75,  
27) }
```

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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