

Converting Colors

YIQ(115.2980, 107.7890,
12.4050)

Have a look what the booklet for
YIQ(115.2980, 107.7890, 12.4050)
contains.

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Color

**YIQ(115.2980, 107.7890,
12.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	E24E11
RGB	226, 78, 17
RGB Percent	89%, 31%, 7%
CMY	0.1134, 0.6943, 0.9328
CMYK	0.00, 0.66, 0.92, 0.11
HSL	17°, 86%, 48%
HSV	17°, 92%, 89%
XYZ	34.2113, 21.6625, 2.9134
YIQ	115.2980, 107.7890, 12.4050

Conversions

Conversions Part 2

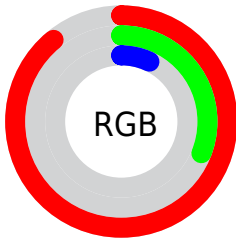
Format	Color
R_{YB}	226, 103, 17
Decimal	14831121
CIE Lab	53.67, 55.38, 60.30
CIE LCh	54, 81.869, 47.433
Yxy	21.6625, 0.5820, 0.3685
Android (android.graphics.Color)	4293021201 (0xFFE24E11)
YUV	115.2980, -48.4609, 97.0857
Hunter-Lab	46.5430, 49.7556, 28.8687

Details

The YIQ color **115.2980, 107.7890, 12.4050** 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 **127.7020, -107.7890, -12.4050**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4100, 92.6140, 6.5820**, and **54.3080, 93.8020, 29.1140** is the 20% darker color. If you saturate the color by 10%, you get **106.3160, 116.5460, 13.3940**, and if you desaturate by 10%, it is **127.3120, 96.0060, 11.1900**.

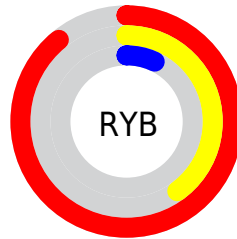
Distribution



Red (89%)

Green (31%)

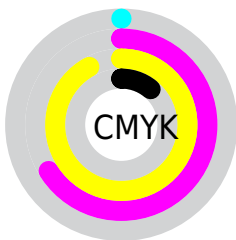
Blue (7%)



Red (89%)

Yellow (40%)

Blue (7%)

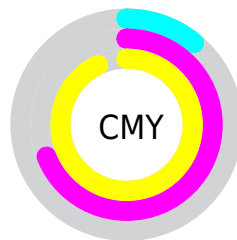


Cyan (0%)

Magenta (66%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.2980, 107.7890, 12.4050 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 115.2980, 107.7890, 12.4050 by changing the saturation by 10% instead.

■ 115.2980,
107.7890, 12.4050

■ 115.2980,
107.7890, 12.4050

■ 255.0000, -0.0000,
-0.0000

■ 86.7690, 102.1490,
15.5010

■ 162.4100, 92.6140,
6.5820

■ 54.3080, 93.8020,
29.1140

■ 181.8100, 76.5680,
0.0240

■ 38.8700, 77.4800,
27.5600

■ 201.7970, 60.2470,
-7.0570

■ 29.6010, 59.0040,
20.9880

■ 221.3110, 43.8800,
-13.3040

■ 21.0440, 41.3990,
15.1510

■ 241.9990, 26.9630,
-20.5970

■ 12.3730, 24.1150,
9.0030

■ 249.3000, 16.0500,

■ 0.0000, 0.0000,

-15.5500

0.0000

252.6060, 6.7410,
-6.5310

115.2980,
107.7890, 12.4050

115.2980,
107.7890, 12.4050

106.3160,
116.5460, 13.3940

127.3120, 96.0060,
11.1900

139.2120, 84.5440,
9.6640

151.2260, 72.7610,
8.4490

163.2400, 60.9780,
7.2340

175.1400, 49.5160,
5.7080

■ 187.1540, 37.7330,
4.4930

■ 199.0540, 26.2710,
2.9670

■ 211.0680, 14.4880,
1.7520

■ 223.0820, 2.7050,
0.5370

Harmonies

Analogous

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



101.5490, 110.6220, 65.7100



115.2980, 107.7890, 12.4050



120.7380, 75.9300, -21.4620

Triad

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



115.2980, 107.7890, 12.4050



102.4020, -73.3950, -52.0430



101.2710, -115.6800, 14.9760

Complementary

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



115.2980, 107.7890, 12.4050



127.7020, -107.7890, -12.4050

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



115.2980, 107.7890, 12.4050



112.0120, -97.6990, -30.0750

Square

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



115.2980, 107.7890, 12.4050



88.2780, -41.8920, -77.8280



118.0200, -117.3720, -9.4360



129.3650, 11.6800, 63.6800

Rectangle

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



115.2980, 107.7890, 12.4050



118.7570, 47.4150, -38.8330



118.0200, -117.3720, -9.4360



106.5540, -118.1550, 10.2690

Sweetspot

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



115.2980, 107.7890, 12.4050



216.9690, 36.8160, 4.5920



96.5910, 76.4140, 90.9580



104.7870, 22.6490, 2.5290



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.



115.2980, 107.7890, 12.4050



119.6830, 131.6300, 15.3580



175.7590, 79.4640, -41.4640



106.0500, 5.7310, 0.7630



82.5610, 90.8710, 10.6390



22.5700, 24.7580, 2.8540

Inverse Universe

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



127.7020, -107.7890, -12.4050



135.3170, -131.6300, -15.3580



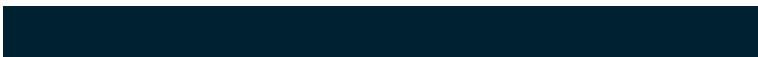
67.2410, -79.4640, 41.4640



106.9500, -5.7310, -0.7630



93.4390, -90.8710, -10.6390



25.4300, -24.7580, -2.8540

Previews

White Background



This preview shows how the YIQ color 115.2980, 107.7890, 12.4050 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 115.2980, 107.7890, 12.4050 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 115.2980, 107.7890, 12.4050

Background



This preview shows how black text looks on a background with the YIQ color 115.2980, 107.7890, 12.4050.



This preview shows how white text looks on a background with the YIQ color 115.2980, 107.7890,

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

115.2980, 107.7890, 12.4050

Protanopia

122.6120, 40.9940, -27.0860

Deuteranopia

120.3510, 63.5980, -29.2500



Tritanopia

119.8010, 91.0960, 34.1040

Trichromacy



Original Color

115.2980, 107.7890, 12.4050

Protanomaly

119.5600, 65.1080, -12.5560

Deuteranomaly

118.5200, 79.7800, -14.1400

Tritanomaly

118.1680, 97.0120, 26.0040

Monochromacy



Original Color

115.2980, 107.7890, 12.4050

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2250, 38.9710, 4.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2980, 107.7890, 12.4050 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(226, 78, 17)` looks like.

```
.text, #text, p{  
    color:rgb(226, 78, 17)  
}
```

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(226, 78, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 78, 17) }
```

Border

The CSS property to change the border of an element to YIQ 115.2980, 107.7890, 12.4050 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(226, 78, 17) }
```


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

```
.border{ border-color:rgb(226, 78, 17) }
```

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

Here you see how a box with a 4 pixel rgb(226, 78, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 78, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 78, 17);  
box-shadow:4px 4px 4px 4px rgb(226, 78,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2980, 107.7890, 12.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 78, 17) }
```

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

```
.background{ background-color: rgb(226, 78,  
17) }
```

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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