

Converting Colors

YIQ(107.1910, 115.4000,
12.1360)

Have a look what the booklet for
YIQ(107.1910, 115.4000, 12.1360)
contains.

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Color

**YIQ(107.1910, 115.4000,
12.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	E14400
RGB	225, 68, 0
RGB Percent	88%, 27%, 0%
CMY	0.1173, 0.7335, 0.9995
CMYK	0.00, 0.70, 1.00, 0.12
HSL	18°, 100%, 44%
HSV	18°, 100%, 88%
XYZ	33.1415, 20.1477, 2.1459
YIQ	107.1910, 115.4000, 12.1360

Conversions

Conversions Part 2

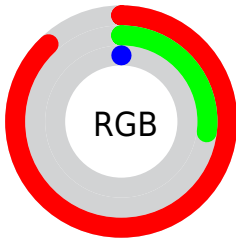
Format	Color
R_{YB}	225, 97, 0
Decimal	14763008
CIE Lab	52.00, 58.80, 63.22
CIE LCh	52, 86.344, 47.075
Yxy	20.1477, 0.5978, 0.3634
Android (android.graphics.Color)	4292953088 (0xFFE14400)
YUV	107.1910, -52.8452, 103.3185
Hunter-Lab	44.8861, 53.2440, 28.5858

Details

The YIQ color **107.1910, 115.4000, 12.1360** 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 **117.8090, -115.4000, -12.1360**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5740, 98.0240, 7.6560**, and **47.8400, 95.3600, 33.9200** is the 20% darker color. If you saturate the color by 10%, you get **107.1910, 115.4000, 12.1360**, and if you desaturate by 10%, it is **119.2050, 103.6170, 10.9210**.

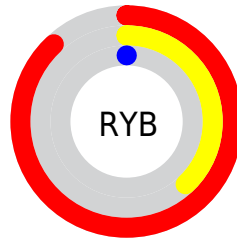
Distribution



Red (88%)

Green (27%)

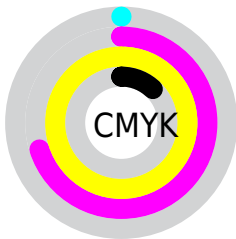
Blue (0%)



Red (88%)

Yellow (38%)

Blue (0%)

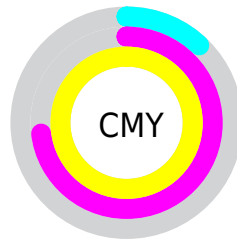


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (73%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.1910, 115.4000, 12.1360 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 107.1910, 115.4000, 12.1360 by changing the saturation by 10% instead.


 107.1910,
115.4000, 12.1360


 107.1910,
115.4000, 12.1360


254.6580, 0.9630,
-0.9330


 78.8390, 105.1280,
22.0880


 156.5740, 98.0240,
7.6560


 47.8400, 95.3600,
33.9200


 175.9740, 81.9780,
1.0980

 38.5710, 76.8840,
27.3480


 195.3740, 65.9320,
-5.4600

 29.3020, 58.4080,
20.7760

 215.3610, 49.6110,
-12.5410

 20.8590, 40.4820,
15.2500

 235.5760, 32.6480,
-19.0000

 11.4760, 22.3270,
8.3670

 248.0460, 19.5810,

 0.0000, 0.0000,

-18.9710

0.0000

■ 251.3520, 10.2720,
-9.9520

■ 107.1910,
115.4000, 12.1360

■ 119.2050,
103.6170, 10.9210

■ 130.5180, 92.4300,
9.9180

■ 142.5320, 80.6470,
8.7030

■ 154.4320, 69.1850,
7.1770

■ 166.4460, 57.4020,
5.9620

■ 177.7590, 46.2150,
4.9590

■ 189.7730, 34.4320,
3.7440

■ 201.6730, 22.9700,
2.2180

■ 213.1000, 11.4620,
1.5260

Harmonies

Analogous

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



84.2550, 120.7980, 79.5340



107.1910, 115.4000, 12.1360



116.9060, 75.5170, -19.4830

Triad

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



107.1910, 115.4000, 12.1360



99.2560, -70.0480, -52.1280



98.9230, -114.5800, 17.0680

Complementary

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



107.1910, 115.4000, 12.1360



117.8090, -115.4000, -12.1360

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.



113.0110, -121.1800, 4.5160



107.1910, 115.4000, 12.1360



109.9090, -95.9110, -29.4390

Square

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



107.1910, 115.4000, 12.1360



85.7020, -40.1500, -76.3580



116.2590, -116.5470, -7.8670



124.1740, 10.9000, 66.8040

Rectangle

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



107.1910, 115.4000, 12.1360



115.2130, 46.1310, -37.5890



116.2590, -116.5470, -7.8670



104.7930, -117.3300, 11.8380

Sweetspot

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



107.1910, 115.4000, 12.1360



215.2250, 38.9710, 4.0830



85.2870, 83.3820, 96.8380



103.3850, 23.8410, 2.9530



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.



107.1910, 115.4000, 12.1360



121.4440, 130.8050, 13.7890



172.9350, 84.6000, -46.4400



106.0500, 5.7310, 0.7630



83.7350, 90.3210, 9.5930



23.1570, 24.4830, 2.3310

Inverse Universe

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



117.8090, -115.4000, -12.1360



133.5560, -130.8050, -13.7890



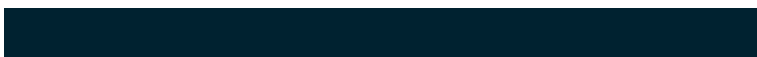
52.0650, -84.6000, 46.4400



106.9500, -5.7310, -0.7630



92.2650, -90.3210, -9.5930



25.4300, -24.7580, -2.8540

Previews

White Background



This preview shows how the YIQ color 107.1910, 115.4000, 12.1360 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 107.1910, 115.4000, 12.1360 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 107.1910, 115.4000, 12.1360

Background



This preview shows how black text looks on a background with the YIQ color 107.1910, 115.4000, 12.1360.



This preview shows how white text looks on a background with the YIQ color 107.1910, 115.4000, 12.1360.

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

107.1910, 115.4000, 12.1360

Protanopia

118.0850, 41.0400, -27.9200

Deuteranopia

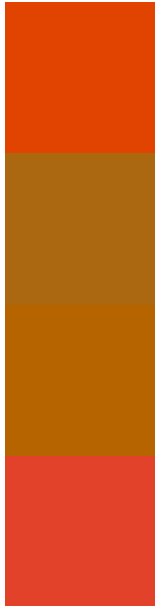
116.2090, 61.1220, -28.4300



Tritanopia

112.0790, 96.1850, 35.4890

Trichromacy



Original Color

107.1910, 115.4000, 12.1360

Protanomaly

114.0010, 68.1800, -13.1640

Deuteranomaly

113.1180, 80.9720, -13.7160

Tritanomaly

110.5170, 103.3390, 26.9790

Monochromacy



Original Color

107.1910, 115.4000, 12.1360

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.1930, 41.9970, 4.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.1910, 115.4000, 12.1360 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(225, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 68, 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(225, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 68, 0) }
```

Border

The CSS property to change the border of an element to YIQ 107.1910, 115.4000, 12.1360 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(225, 68, 0) }
```


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

```
.border{ border-color:rgb(225, 68, 0) }
```

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

Here you see how a box with a 4 pixel rgb(225, 68, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 68, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 68, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 68, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 107.1910, 115.4000, 12.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 68, 0) }
```

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

```
.background{ background-color: rgb(225, 68,  
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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