

Converting Colors

YIQ(88.8290, 101.9200, 14.1440)

Have a look what the booklet for
YIQ(88.8290, 101.9200, 14.1440)
contains.

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Color

**YIQ(88.8290, 101.9200,
14.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	C33400
RGB	195, 52, 0
RGB Percent	76%, 20%, 0%
CMY	0.2350, 0.7963, 0.9995
CMYK	0.00, 0.73, 1.00, 0.23
HSL	16°, 100%, 38%
HSV	16°, 100%, 77%
XYZ	23.7519, 14.0634, 1.4659
YIQ	88.8290, 101.9200, 14.1440

Conversions

Conversions Part 2

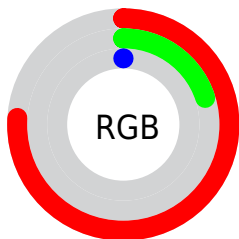
Format	Color
RYB	195, 71, 0
Decimal	12792832
CIELab	44.32, 54.92, 56.43
CIELCh	44, 78.742, 45.776
Yxy	14.0634, 0.6047, 0.3580
Android (android.graphics.Color)	4290982912 (0xFFC33400)
YUV	88.8290, -43.7927, 93.1120
Hunter-Lab	37.5012, 47.4282, 23.9332

Details

The YIQ color **88.8290, 101.9200, 14.1440** 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 **106.1710, -101.9200, -14.1440**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.0250, 104.3040, 14.9920**, and **39.4680, 78.6720, 27.9840** is the 20% darker color. If you saturate the color by 10%, you get **88.8290, 101.9200, 14.1440**, and if you desaturate by 10%, it is **99.3270, 91.6500, 13.0420**.

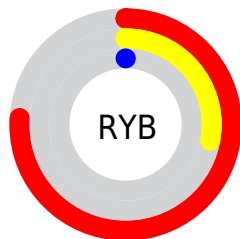
Distribution



Red (76%)

Green (20%)

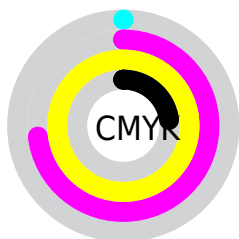
Blue (0%)



Red (76%)

Yellow (28%)

Blue (0%)

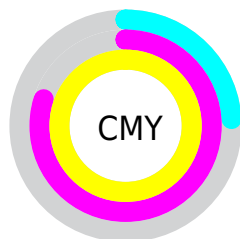


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (23%)



Cyan (24%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.8290, 101.9200, 14.1440 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 88.8290, 101.9200, 14.1440 by changing the saturation by 10% instead.

■ 88.8290, 101.9200,
14.1440

■ 88.8290, 101.9200,
14.1440

■ 253.7460, 3.5310,
-3.4210

■ 58.1290, 92.7480,
26.1880

■ 146.0250,
104.3040, 14.9920

■ 39.4680, 78.6720,
27.9840

■ 165.3110, 88.5790,
8.1230

■ 30.1990, 60.1960,
21.4120

■ 184.5970, 72.8540,
1.2540

■ 21.6420, 42.5910,
15.5750

■ 203.9970, 56.8080,
-5.3040

■ 12.9710, 25.3070,
9.4270

■ 224.0980, 40.1660,
-12.0740

■ 0.0000, 0.0000,
0.0000

■ 244.3130, 23.2030,

-18.5330

■ 250.4400, 12.8400,
-12.4400

■ 88.8290, 101.9200,
14.1440

■ 99.3270, 91.6500,
13.0420

■ 110.2980, 81.4260,
11.1060

■ 120.7960, 71.1560,
10.0040

■ 131.1800, 61.2070,
8.5910

■ 142.2650, 50.6620,
6.9660

■ 152.6490, 40.7130,
5.5530

■ 163.1470, 30.4430,
4.4510

■ 174.1180, 20.2190,
2.5150

■ 184.6160, 9.9490,
1.4130

Harmonies

Analogous

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



72.7210, 104.3860, 68.5940



88.8290, 101.9200, 14.1440



98.8760, 67.0340, -14.4220

Triad

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



88.8290, 101.9200, 14.1440



84.2900, -58.2200, -46.2200



86.4360, -102.8430, 19.1170

Complementary

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



88.8290, 101.9200, 14.1440



106.1710, -101.9200, -14.1440

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.



98.2900, -108.6640, 8.9680



88.8290, 101.9200, 14.1440



93.3300, -80.9190, -25.8070

Square

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



88.8290, 101.9200, 14.1440



72.7880, -34.1000, -64.8520



98.9960, -99.6290, -6.1010



104.6800, 6.1790, 58.7470

Rectangle

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



88.8290, 101.9200, 14.1440



97.7920, 40.3070, -31.1570



98.9960, -99.6290, -6.1010



91.7020, -106.6480, 16.4880

Sweetspot

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



88.8290, 101.9200, 14.1440



211.1650, 39.2000, 5.4400



74.9490, 69.3540, 86.7460



102.7980, 24.1160, 3.4760



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.



88.8290, 101.9200, 14.1440



114.6770, 131.7670, 18.3830



144.0070, 76.0700, -35.0180



91.7510, 5.1350, 0.5510



73.3800, 84.1310, 11.6430



15.1500, 17.1930, 2.2890

Inverse Universe

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



106.1710, -101.9200, -14.1440



137.3230, -131.7670, -18.3830



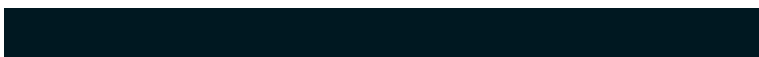
50.9930, -76.0700, 35.0180



92.2490, -5.1350, -0.5510



87.6200, -84.1310, -11.6430



17.8500, -17.1930, -2.2890

Previews

White Background



This preview shows how the YIQ color 88.8290, 101.9200, 14.1440 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

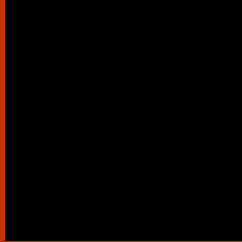
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 88.8290, 101.9200, 14.1440

Background



This preview shows how black text looks on a background with the YIQ color 88.8290, 101.9200, 14.1440.



This preview shows how white text looks on a background with the YIQ color 88.8290, 101.9200,

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

88.8290, 101.9200, 14.1440

Protanopia

100.3110, 34.7120, -23.3680

Deuteranopia

98.4670, 51.7680, -24.1040



Tritanopia

93.0670, 87.2910, 31.4750

Trichromacy



Original Color

88.8290, 101.9200, 14.1440

Protanomaly

96.0310, 59.4680, -9.4600

Deuteranomaly

95.3650, 70.1510, -10.3370

Tritanomaly

91.6020, 92.7940, 25.3540

Monochromacy



Original Color

88.8290, 101.9200, 14.1440

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.3820, 37.0910, 5.1150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.8290, 101.9200, 14.1440 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(195, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 52, 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(195, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 52, 0) }
```

Border

The CSS property to change the border of an element to YIQ 88.8290, 101.9200, 14.1440 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(195, 52, 0) }
```


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

```
.border{ border-color:rgb(195, 52, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 52, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 52, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.8290, 101.9200, 14.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 52, 0) }
```

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

```
.background{ background-color: rgb(195, 52,  
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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