

Converting Colors

YIQ(71.2950, 68.3130, 11.9690)

Have a look what the booklet for
YIQ(71.2950, 68.3130, 11.9690)
contains.

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Color

**YIQ(71.2950, 68.3130,
11.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	902D10
RGB	144, 45, 16
RGB Percent	56%, 18%, 6%
CMY	0.4351, 0.8237, 0.9370
CMYK	0.00, 0.69, 0.89, 0.44
HSL	14°, 80%, 31%
HSV	14°, 89%, 56%
XYZ	12.5422, 7.8455, 1.3464
YIQ	71.2950, 68.3130, 11.9690

Conversions

Conversions Part 2

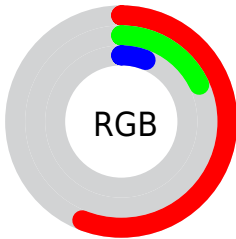
Format	Color
RYB	144, 53, 16
Decimal	9448720
CIELab	33.66, 40.51, 39.37
CIELCh	34, 56.487, 44.184
Yxy	7.8455, 0.5771, 0.3610
Android (android.graphics.Color)	4287638800 (0xFF902D10)
YUV	71.2950, -27.2604, 63.7623
Hunter-Lab	28.0098, 30.9110, 16.7568

Details

The YIQ color **71.2950, 68.3130, 11.9690** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **88.7050, -68.3130, -11.9690**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4160, 75.2820, 12.3220**, and **25.4150, 50.6600, 18.0200** is the 20% darker color. If you saturate the color by 10%, you get **63.2420, 75.8320, 13.3680**, and if you desaturate by 10%, it is **79.3480, 60.7940, 10.5700**.

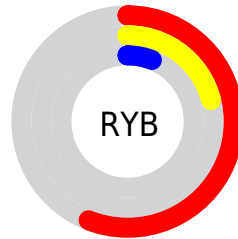
Distribution



Red (56%)

Green (18%)

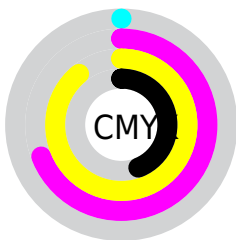
Blue (6%)



Red (56%)

Yellow (21%)

Blue (6%)

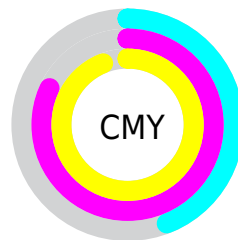


Cyan (0%)

Magenta (69%)

Yellow (89%)

Black (44%)



Cyan (44%)

Magenta (82%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.2950, 68.3130, 11.9690 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 71.2950, 68.3130, 11.9690 by changing the saturation by 10% instead.

71.2950, 68.3130,
11.9690

71.2950, 68.3130,
11.9690

254.0880, 2.5680,
-2.4880

43.7770, 64.1400,
16.0120

124.4160, 75.2820,
12.3220

25.4150, 50.6600,
18.0200

151.6830, 78.9040,
12.7600

17.3420, 34.5680,
12.2960

176.3620, 75.3740,
10.6540

7.8880, 15.1750,
5.8230

195.7620, 59.3280,
4.0960

0.0000, 0.0000,
0.0000

215.1620, 43.2820,
-2.4620

234.7900, 26.5940,

-8.3980

■ 250.8960, 11.5560,
-11.1960

■ 71.2950, 68.3130,
11.9690

■ 71.2950, 68.3130,
11.9690

■ 63.2420, 75.8320,
13.3680

■ 79.3480, 60.7940,
10.5700

■ 62.4270, 76.7490,
13.2690

■ 87.5150, 52.9540,
9.4820

■ 95.5680, 45.4350,
8.0830

■ 104.3220, 37.3200,
6.4720

■ 112.3750, 29.8010,
5.0730

■ 120.5420, 21.9610,
3.9850

■ 128.5950, 14.4420,
2.5860

■ 136.6480, 6.9230,
1.1870

■ 144.8150, -0.9170,
0.0990

Harmonies

Analogous

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



64.0500, 68.7660, 42.3180



71.2950, 68.3130, 11.9690



74.6000, 50.4360, -10.9720

Triad

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



71.2950, 68.3130, 11.9690



62.9810, -43.6880, -34.2480



64.8240, -75.0570, 11.1430

Complementary

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



71.2950, 68.3130, 11.9690



88.7050, -68.3130, -11.9690

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.



72.3410, -78.3110, 4.0330



71.2950, 68.3130, 11.9690



68.9260, -59.0500, -20.1540

Square

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



71.2950, 68.3130, 11.9690



58.7770, -17.2310, -45.6710



73.0130, -71.9360, -6.8800



80.3950, 1.8270, 38.4910

Rectangle

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



71.2950, 68.3130, 11.9690



73.8810, 33.1070, -21.8130



73.0130, -71.9360, -6.8800



68.1010, -77.3950, 9.4610

Sweetspot

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



71.2950, 68.3130, 11.9690



157.4070, 26.7750, 4.8470



65.6720, 44.1880, 58.2360



77.0790, 15.9550, 2.6990



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2950, 68.3130, 11.9690



80.2680, 99.3060, 17.4660



108.2760, 50.9880, -20.9800



67.2670, 3.6220, 0.4380



58.5620, 71.9350, 12.4070



3.5660, 4.2180, 0.6500

Inverse Universe

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



88.7050, -68.3130, -11.9690



105.7320, -99.3060, -17.4660



51.7240, -50.9880, 20.9800



68.3200, -3.8970, -0.9610



77.0250, -72.2100, -12.9300



4.4340, -4.2180, -0.6500

Previews

White Background



This preview shows how the YIQ color 71.2950, 68.3130, 11.9690 looks on a white background.

Color Contrast Check

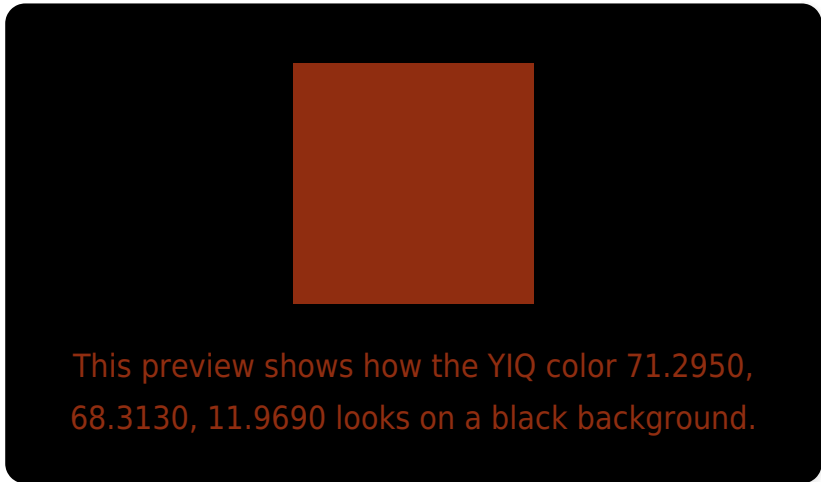
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

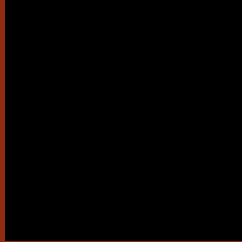
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.2950, 68.3130, 11.9690

Background



This preview shows how black text looks on a background with the YIQ color 71.2950, 68.3130, 11.9690.



This preview shows how white text looks on a background with the YIQ color 71.2950, 68.3130,

11.9690.

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

71.2950, 68.3130, 11.9690

Protanopia

77.3070, 23.3400, -15.5080

Deuteranopia

75.1100, 39.8920, -18.1240



Tritanopia

73.0250, 60.7460, 22.4580

Trichromacy



Original Color

71.2950, 68.3130, 11.9690

Protanomaly

75.3140, 39.7980, -5.4020

Deuteranomaly

73.8220, 49.9310, -7.3250

Tritanomaly

72.4720, 63.6810, 18.8250

Monochromacy



Original Color

71.2950, 68.3130, 11.9690

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.5100, 24.9870, 4.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.2950, 68.3130, 11.9690 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(144, 45, 16)` looks like.

```
.text, #text, p{  
    color:rgb(144, 45, 16)  
}
```

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(144, 45, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 45, 16) }
```

Border

The CSS property to change the border of an element to YIQ 71.2950, 68.3130, 11.9690 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(144, 45, 16) }
```


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

```
.border{ border-color:rgb(144, 45, 16) }
```

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

Here you see how a box with a 4 pixel rgb(144, 45, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 45, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 45, 16);  
box-shadow:4px 4px 4px 4px rgb(144, 45,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 71.2950, 68.3130, 11.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 45, 16) }
```

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

```
.background{ background-color: rgb(144, 45,  
16) }
```

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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