

Converting Colors

YIQ(71.5200, 45.3900, 3.3900)

Have a look what the booklet for
YIQ(71.5200, 45.3900, 3.3900)
contains.

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Color

**YIQ(71.5200, 45.3900,
3.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	75391B
RGB	117, 57, 27
RGB Percent	46%, 22%, 11%
CMY	0.5411, 0.7766, 0.8939
CMYK	0.00, 0.51, 0.77, 0.54
HSL	20°, 62%, 28%
HSV	20°, 77%, 46%
XYZ	9.0007, 6.7872, 1.8757
YIQ	71.5200, 45.3900, 3.3900

Conversions

Conversions Part 2

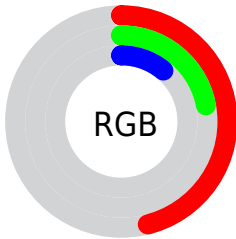
Format	Color
R_{YB}	117, 72, 27
Decimal	7682331
CIE Lab	31.32, 23.95, 29.93
CIE LCh	31, 38.330, 51.335
Yxy	6.7872, 0.5096, 0.3842
Android (android.graphics.Color)	4285872411 (0xFF75391B)
YUV	71.5200, -21.9484, 39.8860
Hunter-Lab	26.0523, 16.0775, 13.9678

Details

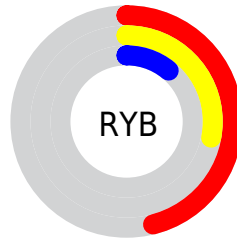
The YIQ color **71.5200, 45.3900, 3.3900** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **72.4800, -45.3900, -3.3900**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5700, 51.1210, 4.1530**, and **25.8810, 34.2480, 7.0800** is the 20% darker color. If you saturate the color by 10%, you get **65.4560, 51.4420, 3.8420**, and if you desaturate by 10%, it is **77.5840, 39.3380, 2.9380**.

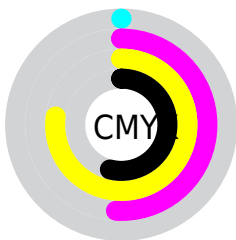
Distribution



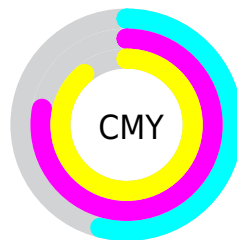
- Red (46%)
- Green (22%)
- Blue (11%)



- Red (46%)
- Yellow (28%)
- Blue (11%)



- Cyan (0%)
- Magenta (51%)
- Yellow (77%)
- Black (54%)



- Cyan (54%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.5200, 45.3900, 3.3900 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 71.5200, 45.3900, 3.3900 by changing the saturation by 10% instead.

71.5200, 45.3900,
3.3900

71.5200, 45.3900,
3.3900

255.0000, -0.0000,
-0.0000

47.2100, 43.3270,
2.2310

121.5700, 51.1210,
4.1530

25.8810, 34.2480,
7.0800

148.2390, 53.5510,
4.1670

11.9600, 23.8400,
8.4800

175.3210, 56.2560,
4.7040

0.0000, 0.0000,
0.0000

201.0110, 54.1930,
3.5450

220.5250, 37.8260,
-2.7020

240.1530, 21.1380,

-8.6380

■ 252.1500, 8.0250,
-7.7750

■ 71.5200, 45.3900,
3.3900

■ 71.5200, 45.3900,
3.3900

■ 65.4560, 51.4420,
3.8420

■ 77.5840, 39.3380,
2.9380

■ 59.5060, 57.1730,
4.6050

■ 83.5340, 33.6070,
2.1750

■ 57.8760, 59.0070,
4.4070

■ 89.0110, 27.8300,
2.2460

■ 95.0750, 21.7780,
1.7940

■ 101.1390, 15.7260,
1.3420

■ 107.0890, 9.9950,
0.5790

■ 113.1530, 3.9430,
0.1270

■ 118.6300, -1.8340,
0.1980

■ 124.5800, -7.5650,
-0.5650

Harmonies

Analogous

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



71.1310, 45.7080, 19.6600



71.5200, 45.3900, 3.3900



70.0050, 35.9940, -13.5580

Triad

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



71.5200, 45.3900, 3.3900



58.3650, -44.4690, -25.5970



72.3660, -26.7330, 16.4270

Complementary

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



71.5200, 45.3900, 3.3900



72.4800, -45.3900, -3.3900

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.



62.1220, -64.6930, -0.4770



71.5200, 45.3900, 3.3900



62.4860, -54.6950, -16.4790

Square

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



71.5200, 45.3900, 3.3900



61.8550, -16.7300, -27.2100



64.1620, -62.1700, -7.6580



75.8390, 8.8440, 26.9560

Rectangle

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



71.5200, 45.3900, 3.3900



68.5040, 23.9830, -21.6570



64.1620, -62.1700, -7.6580



67.2820, -44.2920, 9.7560

Sweetspot

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



71.5200, 45.3900, 3.3900



135.5090, 17.5600, 1.1440



60.9780, 33.7380, 38.3620



65.6870, 11.1870, 1.0030



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



71.5200, 45.3900, 3.3900



81.7480, 71.1110, 5.3110



97.3480, 33.2900, -19.6220



55.9680, 3.0260, 0.2260



60.5450, 61.4370, 4.4210



123.4710, 126.1750, 9.5910

Inverse Universe

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



72.4800, -45.3900, -3.3900



83.2520, -71.1110, -5.3110



47.2390, -33.5650, 19.0990



56.0320, -3.0260, -0.2260



62.0420, -61.7120, -4.9440



126.5290, -126.1750, -9.5910

Previews

White Background



This preview shows how the YIQ color 71.5200, 45.3900, 3.3900 looks on a white background.

Color Contrast Check

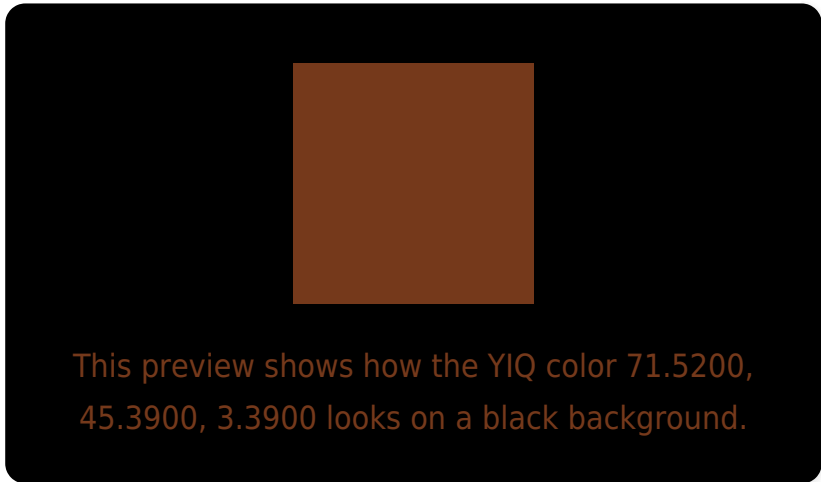
Large Text (above 18pt) WCAG AA ✓ Pass

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

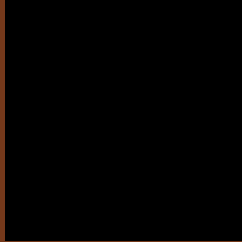
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.5200, 45.3900, 3.3900

Background



This preview shows how black text looks on a background with the YIQ color 71.5200, 45.3900, 3.3900.



This preview shows how white text looks on a background with the YIQ color 71.5200, 45.3900,

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

71.5200, 45.3900, 3.3900

Protanopia

72.4900, 18.5710, -11.6770

Deuteranopia

72.1060, 28.5200, -10.2640



Tritanopia

73.4780, 37.1810, 14.5010

Trichromacy



Original Color

71.5200, 45.3900, 3.3900

Protanomaly

71.7410, 28.2900, -6.0940

Deuteranomaly

71.9760, 34.9380, -5.4300

Tritanomaly

72.8110, 40.4370, 10.5570

Monochromacy



Original Color

71.5200, 45.3900, 3.3900

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.0250, 16.0470, 1.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.5200, 45.3900, 3.3900 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(117, 57, 27)` looks like.

```
.text, #text, p{  
    color:rgb(117, 57, 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(117, 57, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 57, 27) }
```

Border

The CSS property to change the border of an element to YIQ 71.5200, 45.3900, 3.3900 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(117, 57, 27) }
```


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

```
.border{ border-color:rgb(117, 57, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 57, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 57, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 57, 27);  
box-shadow:4px 4px 4px 4px rgb(117, 57,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 71.5200, 45.3900, 3.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 57, 27) }
```

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

```
.background{ background-color: rgb(117, 57,  
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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