

Converting Colors

YIQ(67.3990, 38.4210, 3.0370)

Have a look what the booklet for
YIQ(67.3990, 38.4210, 3.0370)
contains.

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Color

**YIQ(67.3990, 38.4210,
3.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	6A371E
RGB	106, 55, 30
RGB Percent	42%, 22%, 12%
CMY	0.5842, 0.7844, 0.8822
CMYK	0.00, 0.48, 0.72, 0.58
HSL	20°, 56%, 27%
HSV	20°, 72%, 42%
XYZ	7.5471, 5.8901, 1.9704
YIQ	67.3990, 38.4210, 3.0370

Conversions

Conversions Part 2

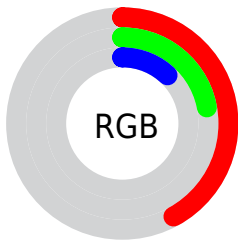
Format	Color
RYB	106, 67, 30
Decimal	6960926
CIELab	29.13, 20.37, 25.31
CIElCh	29, 32.485, 51.176
Yxy	5.8901, 0.4898, 0.3823
Android (android.graphics.Color)	4285151006 (0xFF6A371E)
YUV	67.3990, -18.4377, 33.8531
Hunter-Lab	24.2696, 13.0366, 12.1752

Details

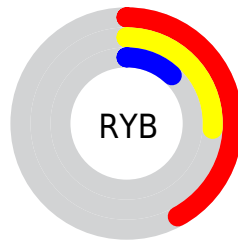
The YIQ color **67.3990, 38.4210, 3.0370** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **68.6010, -38.4210, -3.0370**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1500, 43.5560, 3.5880**, and **22.6030, 29.1590, 5.6950** is the 20% darker color. If you saturate the color by 10%, you get **62.0360, 43.8770, 3.2770**, and if you desaturate by 10%, it is **72.7620, 32.9650, 2.7970**.

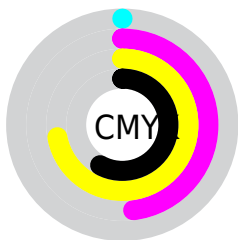
Distribution



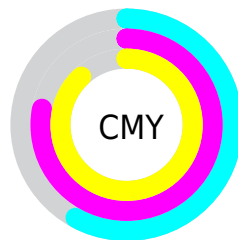
- Red (42%)
- Green (22%)
- Blue (12%)



- Red (42%)
- Yellow (26%)
- Blue (12%)



- Cyan (0%)
- Magenta (48%)
- Yellow (72%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.3990, 38.4210, 3.0370 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 67.3990, 38.4210, 3.0370 by changing the saturation by 10% instead.

67.3990, 38.4210,
3.0370

67.3990, 38.4210,
3.0370

255.0000, -0.0000,
-0.0000

44.0890, 36.3580,
1.8780

117.1500, 43.5560,
3.5880

22.6030, 29.1590,
5.6950

142.9330, 45.6650,
3.9130

9.0840, 17.5590,
6.6710

169.7160, 47.7740,
4.2380

0.0000, 0.0000,
0.0000

197.4990, 49.8830,
4.5630

219.1060, 37.6880,
-0.2000

238.6200, 21.3210,

-6.4470

■ 252.4920, 7.0620,
-6.8420

■ 67.3990, 38.4210,
3.0370

■ 67.3990, 38.4210,
3.0370

■ 62.0360, 43.8770,
3.2770

■ 72.7620, 32.9650,
2.7970

■ 56.7870, 49.0120,
3.8280

■ 78.0110, 27.8300,
2.2460

■ 52.2390, 53.5510,
4.1670

■ 83.3740, 22.3740,
2.0060

■ 88.6230, 17.2390,
1.4550

■ 94.5730, 11.5080,
0.6920

■ 99.9360, 6.0520,
0.4520

■ 105.1850, 0.9170,
-0.0990

■ 110.5480, -4.5390,
-0.3390

■ 115.7970, -9.6740,
-0.8900

Harmonies

Analogous

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



67.9020, 38.9230, 15.9710



67.3990, 38.4210, 3.0370



66.2910, 29.4370, -10.3630

Triad

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



67.3990, 38.4210, 3.0370



53.8000, -41.2600, -23.1800



68.1230, -21.7350, 13.9530

Complementary

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



67.3990, 38.4210, 3.0370



68.6010, -38.4210, -3.0370

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.



56.8900, -58.2280, -2.0040



67.3990, 38.4210, 3.0370



57.3510, -49.8810, -15.6170

Square

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



67.3990, 38.4210, 3.0370



60.0560, -12.7420, -22.3900



58.5710, -56.0720, -8.0400



71.1930, 7.6070, 21.8390

Rectangle

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



67.3990, 38.4210, 3.0370



64.6270, 19.4430, -16.4690



58.5710, -56.0720, -8.0400



64.7300, -33.9300, 9.1900

Sweetspot

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



67.3990, 38.4210, 3.0370



122.9540, 14.8090, 1.4410



58.6520, 28.6040, 32.2840



60.0180, 8.7570, 0.9890



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



67.3990, 38.4210, 3.0370



77.4740, 60.1990, 4.8310



89.1180, 28.2460, -16.3140



50.9680, 3.0260, 0.2260



57.2890, 59.2820, 4.9300



120.2150, 124.0200, 10.1000

Inverse Universe

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



68.6010, -38.4210, -3.0370



79.5260, -60.1990, -4.8310



46.8820, -28.2460, 16.3140



51.0320, -3.0260, -0.2260



59.7110, -59.2820, -4.9300



124.1980, -123.7450, -9.5770

Previews

White Background



This preview shows how the YIQ color 67.3990, 38.4210, 3.0370 looks on a white background.

Color Contrast Check

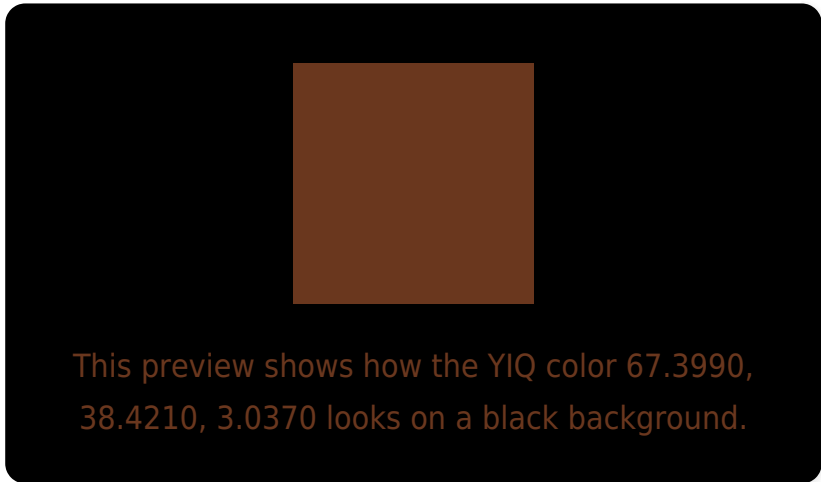
Large Text (above 18pt) WCAG AA ✓ Pass

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

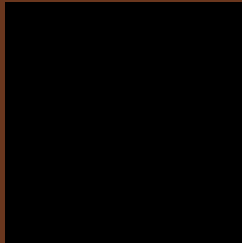
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.3990, 38.4210, 3.0370

Background



This preview shows how black text looks on a background with the YIQ color 67.3990, 38.4210, 3.0370.



This preview shows how white text looks on a background with the YIQ color 67.3990, 38.4210,

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

67.3990, 38.4210, 3.0370

Protanopia

67.5160, 15.6820, -8.8780

Deuteranopia

67.5340, 24.4390, -7.8890



Tritanopia

68.9010, 31.4960, 12.9040

Trichromacy



Original Color

67.3990, 38.4210, 3.0370

Protanomaly

67.6420, 24.2550, -4.5530

Deuteranomaly

67.3930, 29.3900, -4.0020

Tritanomaly

68.4620, 34.1100, 9.5820

Monochromacy



Original Color

67.3990, 38.4210, 3.0370

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.3560, 13.6170, 1.0170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.3990, 38.4210, 3.0370 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(106, 55, 30)` looks like.

```
.text, #text, p{  
    color:rgb(106, 55, 30)  
}
```

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(106, 55, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 55, 30) }
```

Border

The CSS property to change the border of an element to YIQ 67.3990, 38.4210, 3.0370 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(106, 55, 30) }
```


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

```
.border{ border-color:rgb(106, 55, 30) }
```

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

Here you see how a box with a 4 pixel rgb(106, 55, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 55, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 55, 30);  
box-shadow:4px 4px 4px 4px rgb(106, 55,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 67.3990, 38.4210, 3.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 55, 30) }
```

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

```
.background{ background-color: rgb(106, 55,  
30) }
```

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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