

Converting Colors

YIQ(38.3990, 38.4210, 3.0370)

Have a look what the booklet for
YIQ(38.3990, 38.4210, 3.0370)
contains.

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Color

**YIQ(38.3990, 38.4210,
3.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1A01
RGB	77, 26, 1
RGB Percent	30%, 10%, 0%
CMY	0.6979, 0.8981, 0.9959
CMYK	0.00, 0.66, 0.99, 0.70
HSL	20°, 97%, 15%
HSV	20°, 99%, 30%
XYZ	3.4374, 2.3190, 0.2964
YIQ	38.3990, 38.4210, 3.0370

Conversions

Conversions Part 2

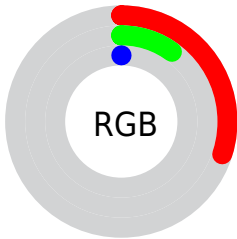
Format	Color
RYB	77, 38, 1
Decimal	5052929
CIELab	17.08, 22.76, 25.21
CIELCh	17, 33.965, 47.916
Yxy	2.3190, 0.5679, 0.3831
Android (android.graphics.Color)	4283243009 (0xFF4D1A01)
YUV	38.3990, -18.4377, 33.8531
Hunter-Lab	15.2284, 13.6419, 9.5058

Details

The YIQ color **38.3990, 38.4210, 3.0370** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **39.6010, -38.4210, -3.0370**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **86.6060, 42.2720, 4.8320**, and **6.5780, 13.1120, 4.6640** is the 20% darker color. If you saturate the color by 10%, you get **37.6980, 39.0170, 3.2490**, and if you desaturate by 10%, it is **42.2460, 34.4780, 2.9100**.

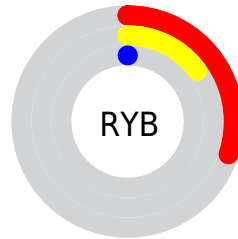
Distribution



Red (30%)

Green (10%)

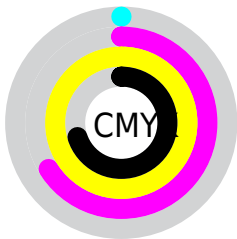
Blue (0%)



Red (30%)

Yellow (15%)

Blue (0%)

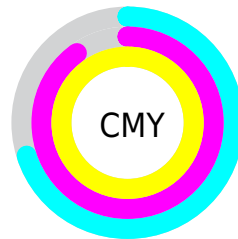


Cyan (0%)

Magenta (66%)

Yellow (99%)

Black (70%)



Cyan (70%)


Magenta (90%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 38.3990, 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 38.3990, 38.4210, 3.0370 by changing the saturation by 10% instead.


 38.3990, 38.4210,
3.0370

 38.3990, 38.4210,
3.0370


 251.8080, 8.9880,
-8.7080


 17.5970, 29.2960,
8.7200


 86.9050, 42.8680,
5.0440


 6.5780, 13.1120,
4.6640

 111.5740, 45.2980,
5.0580

 0.0000, 0.0000,
0.0000

 137.6560, 48.0030,
5.5950


 164.4390, 50.1120,
5.9200


 191.9230, 51.6250,
6.0330


 213.8400, 41.4930,


2.4290


 233.3540, 25.1260,
-3.8180


 38.3990, 38.4210,
3.0370


 38.3990, 38.4210,
3.0370


 37.6980, 39.0170,
3.2490

 42.2460, 34.4780,
2.9100

 45.9790, 30.8560,
2.4720

 50.4130, 26.6380,
1.8220

 54.2600, 22.6950,
1.6950

 58.1070, 18.7520,
1.5680

■ 61.8400, 15.1300,
1.1300

■ 65.6870, 11.1870,
1.0030

■ 69.5340, 7.2440,
0.8760

■ 73.8540, 3.3470,
-0.0850

Harmonies

Analogous

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



37.2270, 36.6300, 18.9820



38.3990, 38.4210, 3.0370



39.9580, 26.1810, -6.4190

Triad

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



38.3990, 38.4210, 3.0370



34.0580, -24.2510, -17.5550



37.8120, -31.2250, 9.7270

Complementary

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



38.3990, 38.4210, 3.0370



39.6010, -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.



38.4360, -42.0900, 2.8860



38.3990, 38.4210, 3.0370



37.4950, -32.5510, -10.3030

Square

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



38.3990, 38.4210, 3.0370



31.4860, -11.1370, -23.9450



39.4160, -39.3380, -2.9380



43.2250, 4.5810, 21.6130

Rectangle

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



38.3990, 38.4210, 3.0370



39.2940, 16.1870, -12.5250



39.4160, -39.3380, -2.9380



35.6150, -41.0360, 5.8120

Sweetspot

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



38.3990, 38.4210, 3.0370



83.9540, 14.8090, 1.4410



29.6520, 28.6040, 32.2840



41.9040, 9.0780, 0.6780



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



38.3990, 38.4210, 3.0370



48.9720, 49.9290, 3.7290



60.1180, 28.2460, -16.3140



36.3700, 1.8340, -0.1980



49.8690, 51.7170, 4.3650



112.7950, 116.4550, 9.5350

Inverse Universe

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



39.6010, -38.4210, -3.0370



50.6150, -50.2040, -4.2520



17.8820, -28.2460, 16.3140



36.2170, -2.1090, -0.3250



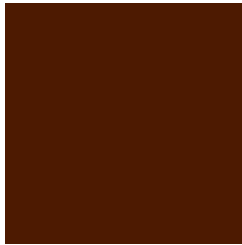
52.1310, -51.7170, -4.3650



116.6180, -116.1800, -9.0120

Previews

White Background



This preview shows how the YIQ color 38.3990, 38.4210, 3.0370 looks on a white background.

Color Contrast Check

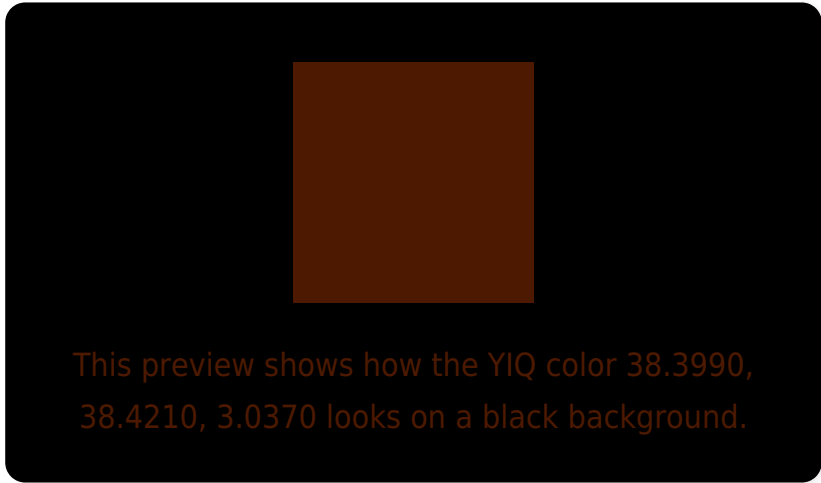
Large Text (above 18pt) WCAG AA ✓ Pass

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

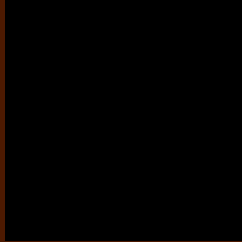
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.3990, 38.4210, 3.0370

Background



This preview shows how black text looks on a background with the YIQ color 38.3990, 38.4210, 3.0370.



This preview shows how white text looks on a background with the YIQ color 38.3990, 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

38.3990, 38.4210, 3.0370

Protanopia

41.3910, 14.5360, -10.1360

Deuteranopia

40.5120, 21.5050, -9.7830



Tritanopia

40.2600, 31.8630, 11.7590

Trichromacy



Original Color

38.3990, 38.4210, 3.0370

Protanomaly

39.9300, 23.3840, -5.2880

Deuteranomaly

39.9690, 27.6480, -5.4720

Tritanomaly

39.8210, 34.4770, 8.4370

Monochromacy



Original Color

38.3990, 38.4210, 3.0370

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

38.3560, 13.6170, 1.0170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.3990, 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(77, 26, 1)` looks like.

```
.text, #text, p{  
    color:rgb(77, 26, 1)  
}
```

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(77, 26, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 26, 1) }
```

Border

The CSS property to change the border of an element to YIQ 38.3990, 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(77, 26, 1) }
```


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

```
.border{ border-color:rgb(77, 26, 1) }
```

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

Here you see how a box with a 4 pixel rgb(77, 26, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 26, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 26, 1); box-shadow:4px  
4px 4px 4px rgb(77, 26, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 38.3990, 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(77, 26, 1) }
```

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

```
.background{ background-color: rgb(77, 26,  
1) }
```

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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