

Converting Colors

YIQ(38.6370, 31.8190, 1.5390)

Have a look what the booklet for
YIQ(38.6370, 31.8190, 1.5390)
contains.

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Color

**YIQ(38.6370, 31.8190,
1.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	461D06
RGB	70, 29, 6
RGB Percent	27%, 11%, 2%
CMY	0.7254, 0.8863, 0.9763
CMYK	0.00, 0.59, 0.91, 0.73
HSL	22°, 84%, 15%
HSV	22°, 91%, 27%
XYZ	2.9993, 2.1940, 0.4388
YIQ	38.6370, 31.8190, 1.5390

Conversions

Conversions Part 2

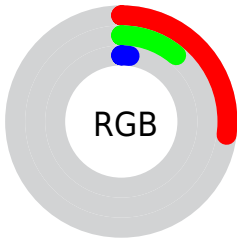
Format	Color
RYB	70, 42, 6
Decimal	4594950
CIELab	16.47, 18.03, 22.13
CIElCh	16, 28.543, 50.829
Yxy	2.1940, 0.5325, 0.3896
Android (android.graphics.Color)	4282785030 (0xFF461D06)
YUV	38.6370, -16.0900, 27.5054
Hunter-Lab	14.8121, 10.2235, 8.6123

Details

The YIQ color **38.6370, 31.8190, 1.5390** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37.3630, -31.8190, -1.5390**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **85.7300, 35.9910, 3.0230**, and **2.0930, 4.1720, 1.4840** is the 20% darker color. If you saturate the color by 10%, you get **35.6050, 34.8450, 1.7650**, and if you desaturate by 10%, it is **41.7830, 28.4720, 1.6240**.

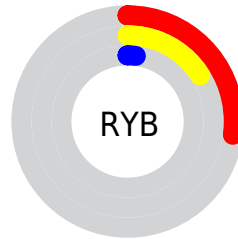
Distribution



Red (27%)

Green (11%)

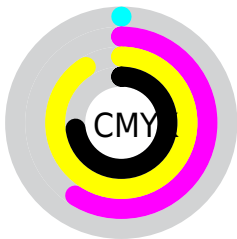
Blue (2%)



Red (27%)

Yellow (16%)

Blue (2%)

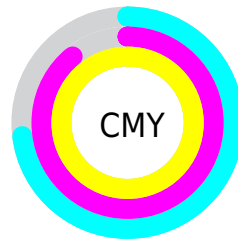


Cyan (0%)

Magenta (59%)

Yellow (91%)

Black (73%)



Cyan (73%)


Magenta (89%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 38.6370, 31.8190, 1.5390 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 38.6370, 31.8190, 1.5390 by changing the saturation by 10% instead.


 38.6370, 31.8190,
1.5390


 38.6370, 31.8190,
1.5390


 252.2640, 7.7040,
-7.4640


 17.5640, 24.8950,
5.8790


 85.7300, 35.9910,
3.0230


 2.0930, 4.1720,
1.4840

 110.5130, 38.1000,
3.3480

 0.0000, 0.0000,
0.0000

 136.2960, 40.2090,
3.6730

 163.0790, 42.3180,
3.9980

 190.5630, 43.8310,
4.1110

 215.4700, 39.6590,

2.6270

■ 234.9840, 23.2920,
-3.6200

■ 38.6370, 31.8190,
1.5390

■ 38.6370, 31.8190,
1.5390

■ 35.6050, 34.8450,
1.7650

■ 41.7830, 28.4720,
1.6240

■ 45.5160, 24.8500,
1.1860

■ 48.6620, 21.5030,
1.2710

■ 52.3950, 17.8810,
0.8330

■ 55.5410, 14.5340,
0.9180

■ 59.2740, 10.9120,
0.4800

■ 62.4200, 7.5650,
0.5650

■ 66.1530, 3.9430,
0.1270

■ 69.2990, 0.5960,
0.2120

Harmonies

Analogous

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



38.5420, 31.1290, 14.0490



38.6370, 31.8190, 1.5390



38.7620, 23.7970, -7.2670

Triad

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



38.6370, 31.8190, 1.5390



33.2260, -24.6640, -15.5760



39.6840, -19.1210, 10.6310

Complementary

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



38.6370, 31.8190, 1.5390



37.3630, -31.8190, -1.5390

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.



35.6490, -38.3760, 1.6560



38.6370, 31.8190, 1.5390



35.6200, -31.4050, -9.0450

Square

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



38.6370, 31.8190, 1.5390



32.6480, -11.4130, -18.9410



36.9710, -36.5870, -3.2350



42.3020, 5.6820, 18.1780

Rectangle

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



38.6370, 31.8190, 1.5390



38.1090, 15.2700, -12.4260



36.9710, -36.5870, -3.2350



34.7960, -34.2960, 4.8080

Sweetspot

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



38.6370, 31.8190, 1.5390



79.7580, 12.4250, 0.5930



29.9240, 24.6620, 26.6300



38.4200, 7.5650, 0.5650



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



38.6370, 31.8190, 1.5390



46.8790, 45.7570, 2.2450



56.8340, 23.2940, -14.6740



33.7830, 2.1090, 0.3250



50.7330, 49.1040, 2.1600



115.4200, 113.0170, 5.7610

Inverse Universe

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



37.3630, -31.8190, -1.5390



45.1210, -45.7570, -2.2450



19.1660, -23.2940, 14.6740



33.6300, -1.8340, 0.1980



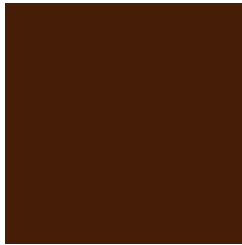
48.8540, -49.3790, -2.6830



111.5800, -113.0170, -5.7610

Previews

White Background



This preview shows how the YIQ color 38.6370, 31.8190, 1.5390 looks on a white background.

Color Contrast Check

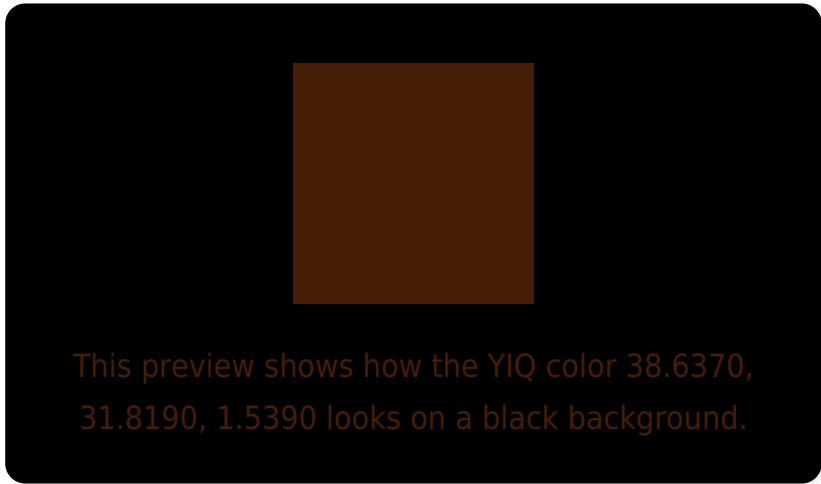
Large Text (above 18pt) WCAG AA ✓ Pass

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

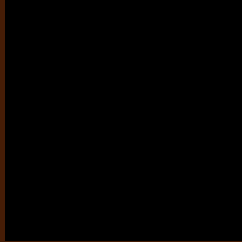
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.6370, 31.8190, 1.5390

Background



This preview shows how black text looks on a background with the YIQ color 38.6370, 31.8190, 1.5390.



This preview shows how white text looks on a background with the YIQ color 38.6370, 31.8190,

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

38.6370, 31.8190, 1.5390

Protanopia

39.8470, 13.2520, -8.8920

Deuteranopia

39.3270, 20.5880, -9.6840



Tritanopia

40.3840, 25.5820, 9.9500

Trichromacy



Original Color

38.6370, 31.8190, 1.5390

Protanomaly

39.1900, 19.7160, -4.8920

Deuteranomaly

39.0010, 24.6220, -5.6980

Tritanomaly

40.0590, 27.8750, 6.9390

Monochromacy



Original Color

38.6370, 31.8190, 1.5390

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.5730, 11.5080, 0.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.6370, 31.8190, 1.5390 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(70, 29, 6)` looks like.

```
.text, #text, p{  
    color:rgb(70, 29, 6)  
}
```

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(70, 29, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 29, 6) }
```

Border

The CSS property to change the border of an element to YIQ 38.6370, 31.8190, 1.5390 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(70, 29, 6) }
```


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

```
.border{ border-color:rgb(70, 29, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 29, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 29, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 29, 6); box-shadow:4px  
4px 4px 4px rgb(70, 29, 6) }
```

Background

The CSS property to change the background color of an element to YIQ 38.6370, 31.8190, 1.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 29, 6) }
```

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

```
.background{ background-color: rgb(70, 29,  
6) }
```

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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