

Converting Colors

YIQ(57.0750, 38.9730, -6.9710)

Have a look what the booklet for
YIQ(57.0750, 38.9730, -6.9710)
contains.

YIQ(57.0750, 38.9730, -6.9710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(57.0750, 38.9730,
-6.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3302
RGB	90, 51, 2
RGB Percent	35%, 20%, 1%
CMY	0.6470, 0.8001, 0.9920
CMYK	0.00, 0.43, 0.98, 0.65
HSL	33°, 96%, 18%
HSV	33°, 98%, 35%
XYZ	5.4123, 4.5452, 0.6509
YIQ	57.0750, 38.9730, -6.9710

Conversions

Conversions Part 2

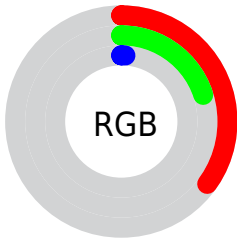
Format	Color
R_{YB}	72, 90, 2
Decimal	5911298
CIE Lab	25.40, 13.92, 34.48
CIE LCh	25, 37.184, 68.009
Yxy	4.5452, 0.5102, 0.4285
Android (android.graphics.Color)	4284101378 (0xFF5A3302)
YUV	57.0750, -27.1520, 28.8752
Hunter-Lab	21.3194, 8.0067, 13.1134

Details

The YIQ color **57.0750, 38.9730, -6.9710** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **34.9250, -38.9730, 6.9710**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.1680, 43.1450, -5.4870**, and **16.3570, 21.0440, 4.0840** is the 20% darker color. If you saturate the color by 10%, you get **56.2600, 39.8900, -7.0700**, and if you desaturate by 10%, it is **60.4490, 34.9840, -6.2640**.

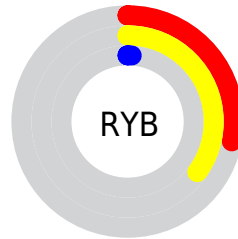
Distribution



Red (35%)

Green (20%)

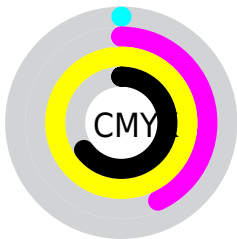
Blue (1%)



Red (28%)

Yellow (35%)

Blue (1%)

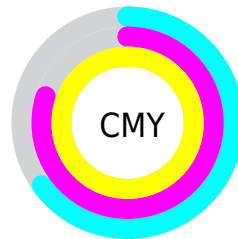


Cyan (0%)

Magenta (43%)

Yellow (98%)

Black (65%)



Cyan (65%)


Magenta (80%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 57.0750, 38.9730, -6.9710 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 57.0750, 38.9730, -6.9710 by changing the saturation by 10% instead.


 57.0750, 38.9730,
-6.9710


 57.0750, 38.9730,
-6.9710

 252.3780, 7.3830,
-7.1530


 36.7460, 29.8940,
-2.1220


 106.1680, 43.1450,
-5.4870


 16.3570, 21.0440,
4.0840

 131.3640, 45.5290,
-4.6390

 0.0000, 0.0000,
0.0000

 158.0330, 47.9590,
-4.6250

 185.5170, 49.4720,
-4.5120

 211.8050, 48.6010,
-5.2470

 231.3190, 32.2340,

-11.4940

■ 249.1860, 16.3710,
-15.8610

■ 57.0750, 38.9730,
-6.9710

■ 57.0750, 38.9730,
-6.9710

■ 56.2600, 39.8900,
-7.0700

■ 60.4490, 34.9840,
-6.2640

■ 63.8230, 30.9950,
-5.5570

■ 67.1970, 27.0060,
-4.8500

■ 70.5710, 23.0170,
-4.1430

■ 73.9450, 19.0280,
-3.4360

■ 77.3190, 15.0390,
-2.7290

■ 80.6930, 11.0500,
-2.0220

■ 84.0670, 7.0610,
-1.3150

■ 87.4410, 3.0720,
-0.6080

Harmonies

Analogous

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



57.6650, 43.7840, 10.4720



57.0750, 38.9730, -6.9710



55.8400, 23.1570, -17.6990

Triad

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



57.0750, 38.9730, -6.9710



50.4890, -41.5820, -17.3420



61.6630, -5.4600, 21.8680

Complementary

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



57.0750, 38.9730, -6.9710



34.9250, -38.9730, 6.9710

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.



49.0310, -54.0110, 4.1730



57.0750, 38.9730, -6.9710



52.9800, -49.9740, -8.4220

Square

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



57.0750, 38.9730, -6.9710



46.5960, -31.9980, -25.8380



53.2710, -54.9270, -1.2550



60.0810, 22.7820, 27.6620

Rectangle

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



57.0750, 38.9730, -6.9710



53.3220, 9.8160, -23.7200



53.2710, -54.9270, -1.2550



60.6830, -17.3800, 17.6280

Sweetspot

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



57.0750, 38.9730, -6.9710



104.3190, 15.0390, -2.7290



32.8720, 39.6080, 31.0960



51.3230, 9.2160, -1.8240



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



57.0750, 38.9730, -6.9710



73.1380, 51.8570, -9.1910



78.7720, 25.8640, -28.2160



44.2560, 2.1550, -0.5090



68.6970, 48.7850, -8.5830



148.3470, 104.9520, -18.7920

Inverse Universe

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



34.9250, -38.9730, 6.9710



43.8620, -51.8570, 9.1910



13.2280, -25.8640, 28.2160



42.7440, -2.1550, 0.5090



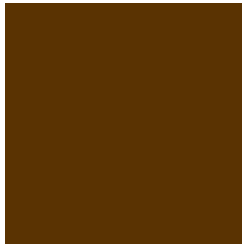
41.3030, -48.7850, 8.5830



88.6530, -104.9520, 18.7920

Previews

White Background



This preview shows how the YIQ color 57.0750, 38.9730, -6.9710 looks on a white background.

Color Contrast Check

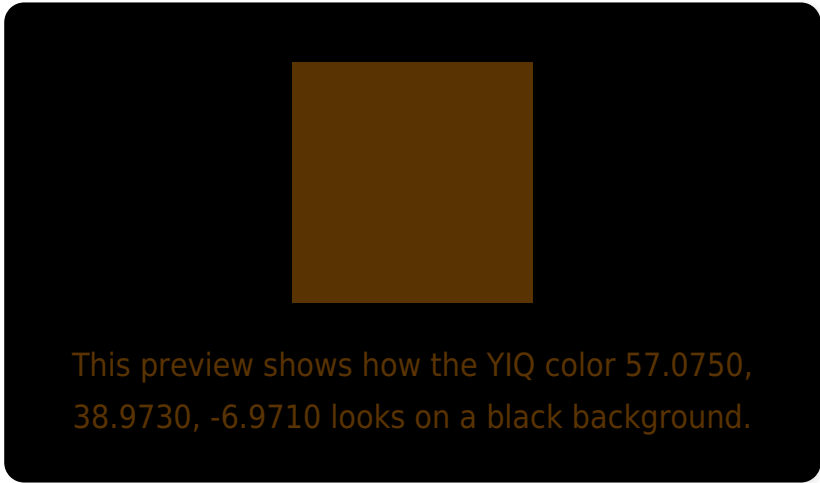
Large Text (above 18pt) WCAG AA ✓ Pass

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

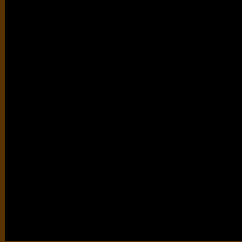
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.0750, 38.9730, -6.9710

Background



This preview shows how black text looks on a background with the YIQ color 57.0750, 38.9730, -6.9710.



This preview shows how white text looks on a background with the YIQ color 57.0750, 38.9730,

-6.9710.

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

57.0750, 38.9730, -6.9710

Protanopia

57.2360, 22.1020, -15.0980

Deuteranopia

57.0690, 29.9420, -14.0100



Tritanopia

60.9110, 25.5360, 10.7840

Trichromacy



Original Color

57.0750, 38.9730, -6.9710

Protanomaly

57.0520, 28.6120, -11.9320

Deuteranomaly

56.9170, 33.4260, -11.0700

Tritanomaly

59.1470, 30.4430, 4.4510

Monochromacy



Original Color

57.0750, 38.9730, -6.9710

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1340, 14.1220, -2.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.0750, 38.9730, -6.9710 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(90, 51, 2)` looks like.

```
.text, #text, p{  
    color:rgb(90, 51, 2)  
}
```

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(90, 51, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 51, 2) }
```

Border

The CSS property to change the border of an element to YIQ 57.0750, 38.9730, -6.9710 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(90, 51, 2) }
```


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

```
.border{ border-color:rgb(90, 51, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 51, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 51, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 51, 2); box-shadow:4px  
4px 4px 4px rgb(90, 51, 2) }
```

Background

The CSS property to change the background color of an element to YIQ 57.0750, 38.9730, -6.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 51, 2) }
```

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

```
.background{ background-color: rgb(90, 51,  
2) }
```

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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