

Converting Colors

YIQ(54.8780, 38.3300, -0.8220)

Have a look what the booklet for
YIQ(54.8780, 38.3300, -0.8220)
contains.

YIQ(54.8780, 38.3300, -0.8220)	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(54.8780, 38.3300,
-0.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2D0B
RGB	91, 45, 11
RGB Percent	36%, 18%, 4%
CMY	0.6431, 0.8236, 0.9567
CMYK	0.00, 0.51, 0.88, 0.64
HSL	25°, 78%, 20%
HSV	25°, 88%, 36%
XYZ	5.3149, 4.1248, 0.8340
YIQ	54.8780, 38.3300, -0.8220

Conversions

Conversions Part 2

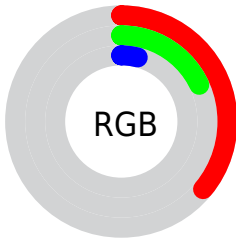
Format	Color
RYB	91, 70, 11
Decimal	5975307
CIELab	24.08, 18.44, 29.59
CIELCh	24, 34.865, 58.064
Yxy	4.1248, 0.5173, 0.4015
Android (android.graphics.Color)	4284165387 (0xFF5B2D0B)
YUV	54.8780, -21.6319, 31.6790
Hunter-Lab	20.3097, 11.1702, 11.7820

Details

The YIQ color **54.8780, 38.3300, -0.8220** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **47.1220, -38.3300, 0.8220**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.1560, 43.4190, 0.5630**, and **11.9600, 23.8400, 8.4800** is the 20% darker color. If you saturate the color by 10%, you get **50.9170, 42.5940, -1.0060**, and if you desaturate by 10%, it is **58.8390, 34.0660, -0.6380**.

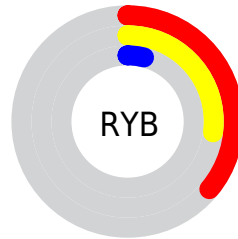
Distribution



Red (36%)

Green (18%)

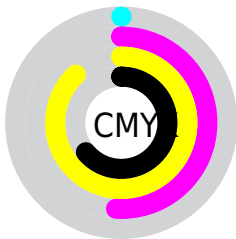
Blue (4%)



Red (36%)

Yellow (27%)

Blue (4%)

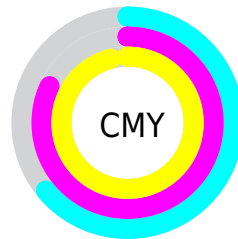


Cyan (0%)

Magenta (51%)

Yellow (88%)

Black (64%)



Cyan (64%)

Magenta (82%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.8780, 38.3300, -0.8220 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 54.8780, 38.3300, -0.8220 by changing the saturation by 10% instead.

■ 54.8780, 38.3300,
-0.8220

■ 54.8780, 38.3300,
-0.8220

■ 253.0620, 5.4570,
-5.2870

■ 32.9360, 32.4150,
1.7510

■ 103.1560, 43.4190,
0.5630

■ 11.9600, 23.8400,
8.4800

■ 129.1240, 46.4450,
0.7890

■ 0.0000, 0.0000,
0.0000

■ 155.4940, 48.2790,
0.5910

■ 182.6900, 50.6630,
1.4390

■ 208.9670, 48.3250,
-0.2430

■ 228.4810, 31.9580,

-6.4900

■ 248.1090, 15.2700,
-12.4260

■ 54.8780, 38.3300,
-0.8220

■ 54.8780, 38.3300,
-0.8220

■ 50.9170, 42.5940,
-1.0060

■ 58.8390, 34.0660,
-0.6380

■ 50.1020, 43.5110,
-1.1050

■ 62.8000, 29.8020,
-0.4540

■ 67.3480, 25.2630,
-0.7930

■ 71.3090, 20.9990,
-0.6090

■ 75.3840, 16.4140,
-0.1140

■ 79.3450, 12.1500,
0.0700

■ 83.8930, 7.6110,
-0.2690

■ 87.8540, 3.3470,
-0.0850

■ 91.8150, -0.9170,
0.0990

Harmonies

Analogous

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



54.6310, 41.1240, 14.6280



54.8780, 38.3300, -0.8220



53.8130, 27.7870, -13.5010

Triad

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



54.8780, 38.3300, -0.8220



46.7730, -36.6300, -18.9820



57.6400, -15.8210, 16.9070

Complementary

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



54.8780, 38.3300, -0.8220



47.1220, -38.3300, 0.8220

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.



48.3470, -52.0850, 2.3070



54.8780, 38.3300, -0.8220



49.7370, -44.9760, -10.8960

Square

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



54.8780, 38.3300, -0.8220



42.5210, -27.4130, -26.3330



50.8430, -50.8460, -3.6300



58.5960, 13.8420, 24.4820

Rectangle

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



54.8780, 38.3300, -0.8220



52.2520, 16.0050, -20.2430



50.8430, -50.8460, -3.6300



54.9480, -28.6120, 11.9320

Sweetspot

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



54.8780, 38.3300, -0.8220



103.6010, 14.3050, -0.4390



40.2780, 32.5930, 31.5770



50.3770, 9.1240, -0.1560



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.



54.8780, 38.3300, -0.8220



64.3330, 55.9820, -1.3460



77.7710, 27.6050, -21.2190



43.6690, 2.4300, 0.0140



60.4790, 52.6350, -1.2610



130.1500, 113.4770, -2.5790

Inverse Universe

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



47.1220, -38.3300, 0.8220



53.2540, -56.2570, 0.8230



24.2290, -27.6050, 21.2190



43.3310, -2.4300, -0.0140



49.5210, -52.6350, 1.2610



107.4370, -113.7520, 2.0560

Previews

White Background



This preview shows how the YIQ color 54.8780, 38.3300, -0.8220 looks on a white background.

Color Contrast Check

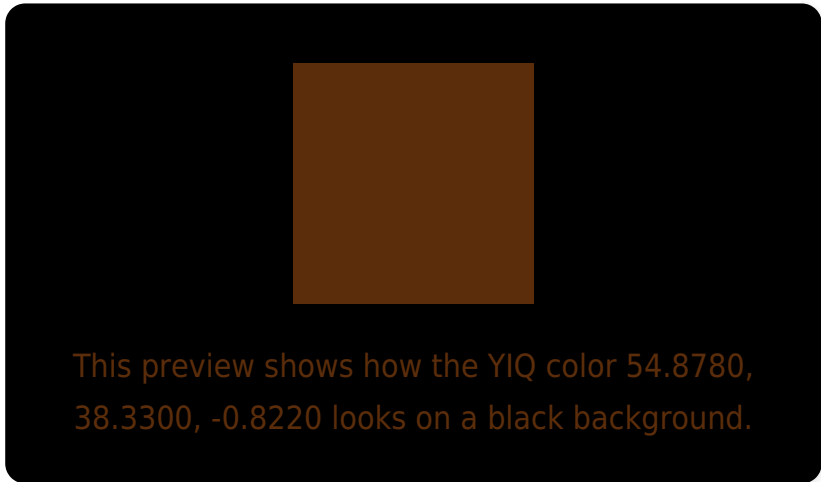
Large Text (above 18pt) WCAG AA ✓ Pass

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

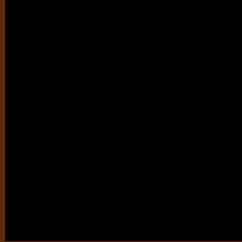
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.8780, 38.3300, -0.8220

Background



This preview shows how black text looks on a background with the YIQ color 54.8780, 38.3300, -0.8220.



This preview shows how white text looks on a background with the YIQ color 54.8780, 38.3300,

-0.8220.

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

54.8780, 38.3300, -0.8220

Protanopia

55.0770, 18.2960, -12.2000

Deuteranopia

54.1120, 28.3830, -13.2890



Tritanopia

57.2920, 28.8370, 11.5330

Trichromacy



Original Color

54.8780, 38.3300, -0.8220

Protanomaly

54.7190, 25.3560, -7.9880

Deuteranomaly

54.3130, 32.3710, -8.4690

Tritanomaly

56.5110, 32.4140, 7.2780

Monochromacy



Original Color

54.8780, 38.3300, -0.8220

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7150, 13.9840, -0.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.8780, 38.3300, -0.8220 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(91, 45, 11)` looks like.

```
.text, #text, p{  
    color:rgb(91, 45, 11)  
}
```

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(91, 45, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 45, 11) }
```

Border

The CSS property to change the border of an element to YIQ 54.8780, 38.3300, -0.8220 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(91, 45, 11) }
```


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

```
.border{ border-color:rgb(91, 45, 11) }
```

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

Here you see how a box with a 4 pixel rgb(91, 45, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 45, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 45, 11);  
box-shadow:4px 4px 4px 4px rgb(91, 45, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.8780, 38.3300, -0.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 45, 11) }
```

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

```
.background{ background-color: rgb(91, 45,  
11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor