

# Converting Colors

YIQ(60.8360, 38.1480, -8.5400)

Have a look what the booklet for  
YIQ(60.8360, 38.1480, -8.5400)  
contains.

<b>YIQ(60.8360, 38.1480, -8.5400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(60.8360, 38.1480,  
-8.5400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C3804
RGB	92, 56, 4
RGB Percent	36%, 22%, 2%
CMY	0.6392, 0.7804, 0.9841
CMYK	0.00, 0.39, 0.96, 0.64
HSL	35°, 92%, 19%
HSV	35°, 96%, 36%
XYZ	5.8506, 5.1118, 0.7946
YIQ	60.8360, 38.1480, -8.5400

# Conversions

## Conversions Part 2

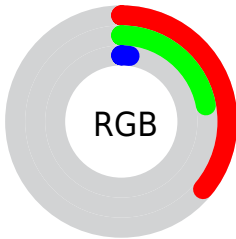
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 92, 4
Decimal	6043652
CIELab	27.05, 11.86, 35.27
CIELCh	27, 37.213, 71.422
Yxy	5.1118, 0.4976, 0.4348
Android (android.graphics.Color)	4284233732 (0xFF5C3804)
YUV	60.8360, -28.0201, 27.3308
Hunter-Lab	22.6092, 6.6246, 13.7427

# Details

The YIQ color **60.8360, 38.1480, -8.5400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **35.1640, -38.1480, 8.5400**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **110.0430, 41.9990, -6.7450**, and **20.4770, 20.5860, 1.3700** is the 20% darker color. If you saturate the color by 10%, you get **59.2060, 39.9820, -8.7380**, and if you desaturate by 10%, it is **64.2100, 34.1590, -7.8330**.

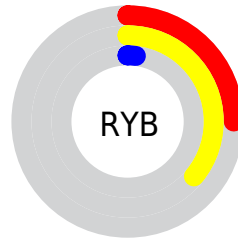
# Distribution



Red (36%)

Green (22%)

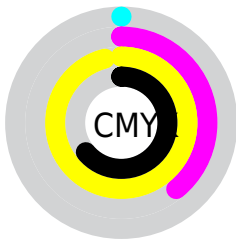
Blue (2%)



Red (25%)

Yellow (36%)

Blue (2%)

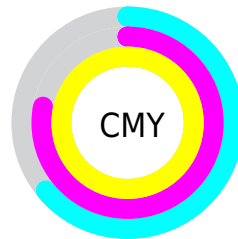


Cyan (0%)

Magenta (39%)

Yellow (96%)

Black (64%)



Cyan (64%)

Magenta (78%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 60.8360, 38.1480, -8.5400 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 60.8360, 38.1480, -8.5400 by changing the saturation by 10% instead.



60.8360, 38.1480,  
-8.5400

60.8360, 38.1480,  
-8.5400

252.7200, 6.4200,  
-6.2200

39.6920, 29.9860,  
-3.7900

110.0430, 41.9990,  
-6.7450

20.4770, 20.5860,  
1.3700

135.7120, 44.4290,  
-6.7310

0.0000, 0.0000,  
0.0000

162.4950, 46.5380,  
-6.4060

189.8650, 48.3720,  
-6.6040

215.6690, 45.9880,  
-7.4520

235.7700, 29.3460,

-14.2220

■ 249.4140, 15.7290,  
-15.2390

■ 60.8360, 38.1480,  
-8.5400

■ 60.8360, 38.1480,  
-8.5400

■ 59.2060, 39.9820,  
-8.7380

■ 64.2100, 34.1590,  
-7.8330

■ 67.5840, 30.1700,  
-7.1260

■ 70.4850, 26.1350,  
-5.5850

■ 73.8590, 22.1460,  
-4.8780

■ 77.2330, 18.1570,  
-4.1710

■ 80.6070, 14.1680,  
-3.4640

■ 83.3940, 10.4540,  
-2.2340

■ 86.8820, 6.1440,  
-1.2160

■ 90.2560, 2.1550,  
-0.5090

# Harmonies

## Analogous

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



61.4970, 44.1970, 8.4930



60.8360, 38.1480, -8.5400



59.0740, 22.3780, -20.1020

# Triad

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



60.8360, 38.1480, -8.5400



53.6350, -44.9290, -17.2570



65.7560, -1.2880, 23.3520

# Complementary

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



60.8360, 38.1480, -8.5400



35.1640, -38.1480, 8.5400

# 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.



56.9290, -44.7960, 7.8760



60.8360, 38.1480, -8.5400



56.1260, -53.3210, -8.3370

# Square

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



60.8360, 38.1480, -8.5400



49.7420, -35.3450, -25.7530



55.7160, -57.6780, -0.9580



64.0490, 25.8080, 27.8880



# Rectangle

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



60.8360, 38.1480, -8.5400



56.9410, 6.5150, -24.4690



55.7160, -57.6780, -0.9580



65.1890, -12.9330, 19.6350

# Sweetspot

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



60.8360, 38.1480, -8.5400



107.7920, 15.0850, -3.5630



34.5300, 40.5710, 30.1630



53.3230, 9.2160, -1.8240



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000



# Same Dimension

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



60.8360, 38.1480, -8.5400



77.5570, 51.9950, -11.6930



79.8750, 24.0760, -28.8520



44.2560, 2.1550, -0.5090



71.0450, 47.6850, -10.6750



153.0430, 102.7520, -22.9760



# Inverse Universe

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



35.1640, -38.1480, 8.5400



42.4430, -51.9950, 11.6930



16.1250, -24.0760, 28.8520



42.7440, -2.1550, 0.5090



38.9550, -47.6850, 10.6750

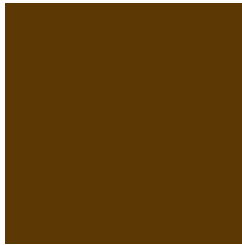


83.9570, -102.7520, 22.9760



# Previews

## White Background



This preview shows how the YIQ color 60.8360, 38.1480, -8.5400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

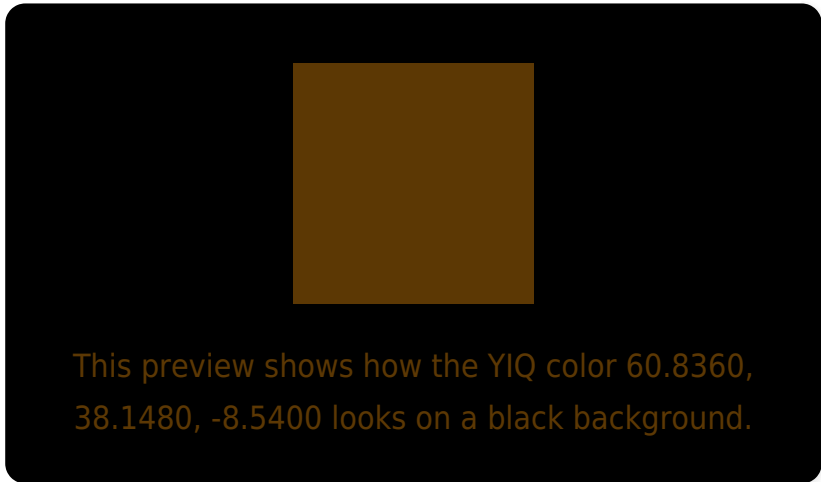
Any Text WCAG AA ✓ Pass

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

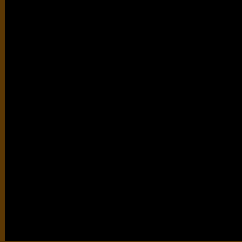
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 60.8360, 38.1480, -8.5400**

## **Background**



This preview shows how black text looks on a background with the YIQ color 60.8360, 38.1480, -8.5400.



This preview shows how white text looks on a background with the YIQ color 60.8360, 38.1480,

-8.5400.

# 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

60.8360, 38.1480, -8.5400

### Protanopia

60.8940, 23.0650, -16.0310

### Deuteranopia

60.3250, 32.0970, -14.5190



## Tritanopia

65.0140, 23.7480, 10.1480

# Trichromacy



## Original Color

60.8360, 38.1480, -8.5400

## Protanomaly

61.1120, 28.3830, -13.2890

## Deuteranomaly

60.4610, 34.7100, -12.3140

## Tritanomaly

63.1360, 28.9760, 3.5040

# Monochromacy



## Original Color

60.8360, 38.1480, -8.5400

## Achromatopsia

61.0000, 0.0000, -0.0000

## Achromatomaly

60.7210, 13.8470, -3.1530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 60.8360, 38.1480, -8.5400 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(92, 56, 4)` looks like.

```
.text, #text, p{  
    color:rgb(92, 56, 4)  
}
```

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(92, 56, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 56, 4) }
```

## Border

The CSS property to change the border of an element to YIQ 60.8360, 38.1480, -8.5400 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(92, 56, 4) }
```



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

```
.border{ border-color:rgb(92, 56, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 56, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 56, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 56, 4); box-shadow:4px  
4px 4px 4px rgb(92, 56, 4) }
```

# Background

The CSS property to change the background color of an element to YIQ 60.8360, 38.1480, -8.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 56, 4) }
```

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

```
.background{ background-color: rgb(92, 56,  
4) }
```

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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