

# Converting Colors

YIQ(39.2620, 11.1860, 6.5300)

Have a look what the booklet for  
YIQ(39.2620, 11.1860, 6.5300)  
contains.

<b>YIQ(39.2620, 11.1860, 6.5300)</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(39.2620, 11.1860,  
6.5300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	362026
RGB	54, 32, 38
RGB Percent	21%, 13%, 15%
CMY	0.7882, 0.8745, 0.8509
CMYK	0.00, 0.41, 0.30, 0.79
HSL	344°, 26%, 17%
HSV	344°, 41%, 21%
XYZ	2.3884, 1.9572, 2.0865
YIQ	39.2620, 11.1860, 6.5300

# Conversions

## Conversions Part 2

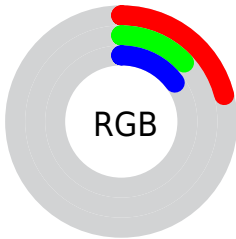
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 32, 38
Decimal	3547174
CIE Lab	15.26, 11.70, 0.38
CIE LCh	15, 11.711, 1.852
Yxy	1.9572, 0.3713, 0.3043
Android (android.graphics.Color)	4281737254 (0xFF362026)
YUV	39.2620, -0.6222, 12.9252
Hunter-Lab	13.9900, 5.9910, 0.9504

# Details

The YIQ color **39.2620, 11.1860, 6.5300** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.7380, -11.1860, -6.5300**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **84.2730, 12.6530, 7.4770**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.8710, 13.8450, 7.9010**, and if you desaturate by 10%, it is **42.6530, 8.5270, 5.1590**.

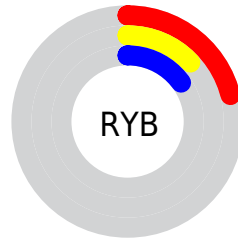
# Distribution



Red (21%)

Green (13%)

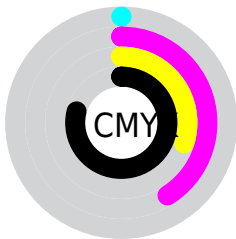
Blue (15%)



Red (21%)

Yellow (13%)

Blue (15%)

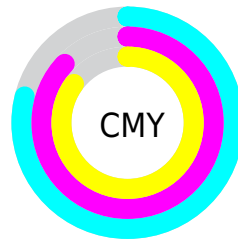


Cyan (0%)

Magenta (41%)

Yellow (30%)

Black (79%)



Cyan (79%)

Magenta (87%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 39.2620, 11.1860, 6.5300 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 39.2620, 11.1860, 6.5300 by changing the saturation by 10% instead.



■ 39.2620, 11.1860,  
6.5300

■ 39.2620, 11.1860,  
6.5300

■ 255.0000, -0.0000,  
-0.0000

■ 17.6750, 11.4610,  
7.0530

■ 84.2730, 12.6530,  
7.4770

■ 0.0000, 0.0000,  
0.0000

■ 108.8710, 13.8450,  
7.9010

■ 134.1700, 14.4410,  
8.1130

■ 160.4690, 15.0370,  
8.3250

■ 187.4690, 15.0370,  
8.3250

■ 215.7680, 15.6330,

8.5370

241.0770, 10.2690,  
6.6290

39.2620, 11.1860,  
6.5300

39.2620, 11.1860,  
6.5300

35.8710, 13.8450,  
7.9010

42.6530, 8.5270,  
5.1590

31.8930, 16.7790,  
9.7950

46.6310, 5.5930,  
3.2650

28.5020, 19.4380,  
11.1660

50.0220, 2.9340,  
1.8940

24.5240, 22.3720,  
13.0600

54.0000, -0.0000,  
0.0000

21.1330, 25.0310,  
14.4310

57.3910, -2.6590,  
-1.3710

■ 17.8560, 27.3690,  
16.1130

■ 60.7820, -5.3180,  
-2.7420

■ 64.6460, -7.9310,  
-4.9470

■ 68.0370, -10.5900,  
-6.3180

■ 72.0150, -13.5240,  
-8.2120

# Harmonies

## Analogous

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



39.2660, 5.3630, 7.4350



39.2620, 11.1860, 6.5300



38.9370, 13.4790, 3.5190

# Triad

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



39.2620, 11.1860, 6.5300



36.6810, 2.1560, -6.0360



34.8930, -18.7520, -1.5680

# Complementary

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



39.2620, 11.1860, 6.5300



46.7380, -11.1860, -6.5300

# 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.



33.0020, -20.6770, -5.2290



39.2620, 11.1860, 6.5300



35.5490, -6.2800, -7.3360

# Square

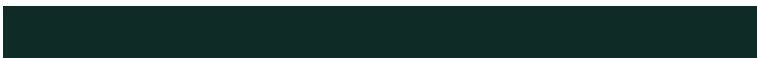
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.2620, 11.1860, 6.5300



37.6710, 8.1160, -3.9160



34.0580, -15.0830, -7.4910



37.5350, -11.6920, 2.6440



# Rectangle

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



39.2620, 11.1860, 6.5300



38.4700, 13.2960, 1.3280



34.0580, -15.0830, -7.4910



34.3550, -20.1730, -3.3490

# Sweetspot

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



39.2620, 11.1860, 6.5300



65.6200, 4.1260, 2.3180



39.2920, 2.4740, 10.2340



32.6090, 2.6590, 1.3710



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000



# Same Dimension

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



39.2620, 11.1860, 6.5300



47.6050, 17.6500, 10.5300



41.5130, 11.7370, 2.0490



26.0110, 1.4670, 0.9470



30.3580, 46.8070, 27.2790



72.3210, 111.2640, 65.0880



# Inverse Universe

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



39.2620, 11.1860, 6.5300



47.6050, 17.6500, 10.5300



44.4870, -11.7370, -2.0490



26.0110, 1.4670, 0.9470



30.3580, 46.8070, 27.2790

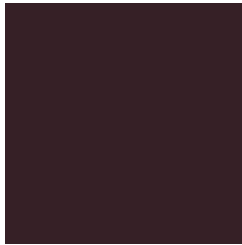


72.3210, 111.2640, 65.0880



# Previews

## White Background



This preview shows how the YIQ color 39.2620, 11.1860, 6.5300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

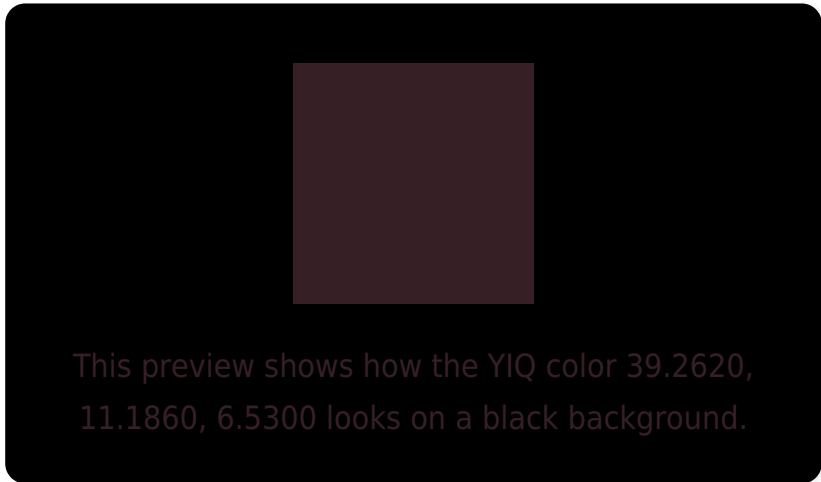
Any Text WCAG AA ✓ Pass

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

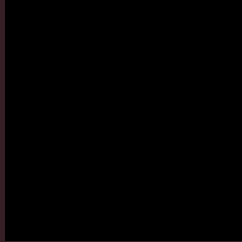
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 39.2620, 11.1860, 6.5300**

## **Background**



This preview shows how black text looks on a background with the YIQ color 39.2620, 11.1860, 6.5300.



This preview shows how white text looks on a background with the YIQ color 39.2620, 11.1860,



# 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

39.2620, 11.1860, 6.5300

### Protanopia

38.4560, -1.2840, 1.2440

### Deuteranopia

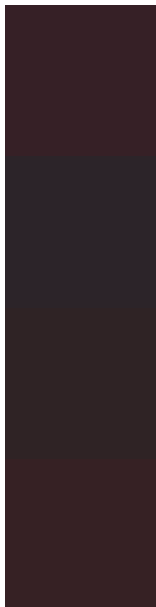
38.7940, 3.5760, 1.2720



## Tritanopia

39.5070, 11.8740, 5.0740

# Trichromacy



## Original Color

39.2620, 11.1860, 6.5300

## Protanomaly

38.9620, 3.1630, 3.2510

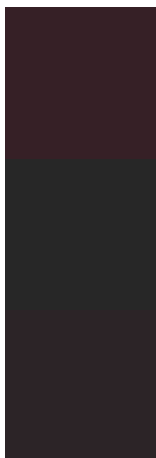
## Deuteranomaly

38.8160, 6.5100, 3.1660

## Tritanomaly

39.6210, 11.5530, 5.3850

# Monochromacy



## Original Color

39.2620, 11.1860, 6.5300

## Achromatopsia

39.0000, -0.0000, -0.0000

## Achromatomaly

38.7340, 3.8050, 2.6290

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 39.2620, 11.1860, 6.5300 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(54, 32, 38)` looks like.

```
.text, #text, p{  
    color:rgb(54, 32, 38)  
}
```

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(54, 32, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 32, 38) }
```

## Border

The CSS property to change the border of an element to YIQ 39.2620, 11.1860, 6.5300 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(54, 32, 38) }
```



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

```
.border{ border-color:rgb(54, 32, 38) }
```

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

Here you see how a box with a 4 pixel rgb(54, 32, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 32, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 32, 38);  
box-shadow:4px 4px 4px 4px rgb(54, 32, 38)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 39.2620, 11.1860, 6.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 32, 38) }
```

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

```
.background{ background-color: rgb(54, 32,  
38) }
```

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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