

Converting Colors

YIQ(44.8690, 8.1590, 11.8310)

Have a look what the booklet for
YIQ(44.8690, 8.1590, 11.8310)
contains.

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Color

**YIQ(44.8690, 8.1590,
11.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	3C2338
RGB	60, 35, 56
RGB Percent	24%, 14%, 22%
CMY	0.7646, 0.8628, 0.7804
CMYK	0.00, 0.42, 0.07, 0.76
HSL	310°, 26%, 19%
HSV	310°, 42%, 24%
XYZ	3.1792, 2.4482, 4.0469
YIQ	44.8690, 8.1590, 11.8310

Conversions

Conversions Part 2

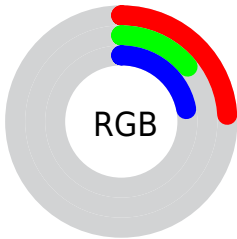
Format	Color
R_{YB}	60, 35, 56
Decimal	3941176
CIE _{Lab}	17.68, 15.92, -8.67
CIE _{LCh}	18, 18.125, 331.419
Yxy	2.4482, 0.3286, 0.2531
Android (android.graphics.Color)	4282131256 (0xFF3C2338)
YUV	44.8690, 5.4876, 13.2699
Hunter-Lab	15.6469, 8.8867, -4.3819

Details

The YIQ color **44.8690, 8.1590, 11.8310** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.1310, -8.1590, -11.8310**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.9940, 9.3050, 13.0890**, and **4.3580, 2.1080, 5.8520** is the 20% darker color. If you saturate the color by 10%, you get **41.2330, 10.1300, 14.6580**, and if you desaturate by 10%, it is **48.5050, 6.1880, 9.0040**.

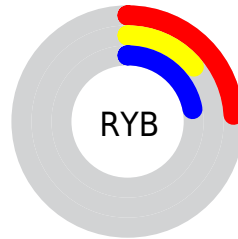
Distribution



Red (24%)

Green (14%)

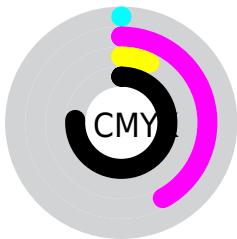
Blue (22%)



Red (24%)

Yellow (14%)

Blue (22%)

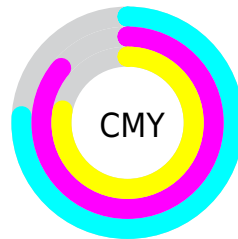


Cyan (0%)

Magenta (42%)

Yellow (7%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.8690, 8.1590, 11.8310 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 44.8690, 8.1590, 11.8310 by changing the saturation by 10% instead.

■ 44.8690, 8.1590,
11.8310

■ 44.8690, 8.1590,
11.8310

■ 255.0000, -0.0000,
-0.0000

■ 23.5700, 7.5630,
11.6190

■ 90.9940, 9.3050,
13.0890

■ 4.3580, 2.1080,
5.8520

■ 115.4070, 9.5800,
13.6120

■ 0.0000, 0.0000,
0.0000

■ 141.7060, 10.1760,
13.8240

■ 168.1190, 10.4510,
14.3470

■ 195.4180, 11.0470,
14.5590

■ 222.9450, 11.0010,

15.3930

245.6080, 4.4000,
8.3680

44.8690, 8.1590,
11.8310

44.8690, 8.1590,
11.8310

41.2330, 10.1300,
14.6580

48.5050, 6.1880,
9.0040

37.5970, 12.1010,
17.4850

52.1410, 4.2170,
6.1770

33.9610, 14.0720,
20.3120

55.7770, 2.2460,
3.3500

30.3250, 16.0430,
23.1390

59.4130, 0.2750,
0.5230

26.6890, 18.0140,
25.9660

63.0490, -1.6960,
-2.3040

■ 23.6400, 19.7100,
28.2700

■ 66.6850, -3.6670,
-5.1310

■ 70.3210, -5.6380,
-7.9580

■ 73.9570, -7.6090,
-10.7850

■ 77.5930, -9.5800,
-13.6120

Harmonies

Analogous

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



44.4590, -5.3660, 9.1460



44.8690, 8.1590, 11.8310



44.3060, 17.0540, 10.3180

Triad

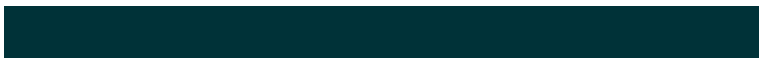
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.8690, 8.1590, 11.8310



42.4280, 13.1140, -6.3900



35.7340, -31.7260, -8.7340

Complementary

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



44.8690, 8.1590, 11.8310



50.1310, -8.1590, -11.8310

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.



34.3660, -27.8740, -12.4660



44.8690, 8.1590, 11.8310



40.9320, 2.7070, -10.5170

Square

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



44.8690, 8.1590, 11.8310



42.9390, 19.1650, -0.4110



38.4620, -10.5890, -11.8450



35.7000, -34.3860, -4.5780

Rectangle

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



44.8690, 8.1590, 11.8310



43.6930, 20.2180, 8.0420



38.4620, -10.5890, -11.8450



35.2780, -30.4420, -9.9780

Sweetspot

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



44.8690, 8.1590, 11.8310



72.9020, 3.3920, 4.6080



39.0460, -5.6410, 8.6230



36.7770, 2.2460, 3.3500



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



44.8690, 8.1590, 11.8310



55.4230, 12.6510, 18.5310



43.5010, 12.0110, 8.0990



29.1250, 1.1460, 1.2580



37.1120, 30.6650, 44.4970



87.5820, 72.6060, 104.9100

Inverse Universe

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



44.8690, 8.1590, 11.8310



55.4230, 12.6510, 18.5310



51.4990, -12.0110, -8.0990



29.1250, 1.1460, 1.2580



37.1120, 30.6650, 44.4970



87.5820, 72.6060, 104.9100

Previews

White Background



This preview shows how the YIQ color 44.8690, 8.1590, 11.8310 looks on a white background.

Color Contrast Check

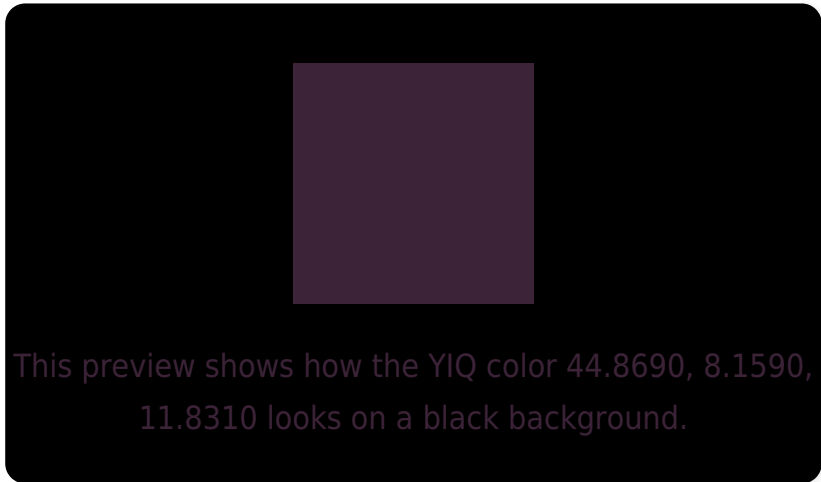
Large Text (above 18pt) WCAG AA ✓ Pass

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

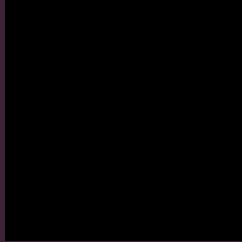
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.8690, 8.1590, 11.8310

Background



This preview shows how black text looks on a background with the YIQ color 44.8690, 8.1590, 11.8310.



This preview shows how white text looks on a background with the YIQ color 44.8690, 8.1590,

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

44.8690, 8.1590, 11.8310

Protanopia

43.6710, -9.0790, 4.8490

Deuteranopia

44.0690, -4.4480, 3.5200



Tritanopia

44.3220, 10.9570, 5.1730

Trichromacy



Original Color

44.8690, 8.1590, 11.8310

Protanomaly

44.0740, -2.8440, 7.4920

Deuteranomaly

44.4010, 0.5490, 6.5730

Tritanomaly

44.6040, 10.2230, 7.4630

Monochromacy



Original Color

44.8690, 8.1590, 11.8310

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.6030, 2.7960, 4.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.8690, 8.1590, 11.8310 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(60, 35, 56)` looks like.

```
.text, #text, p{  
    color:rgb(60, 35, 56)  
}
```

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(60, 35, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 35, 56) }
```

Border

The CSS property to change the border of an element to YIQ 44.8690, 8.1590, 11.8310 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(60, 35, 56) }
```


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

```
.border{ border-color:rgb(60, 35, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 35, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 35, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 35, 56);  
box-shadow:4px 4px 4px 4px rgb(60, 35, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.8690, 8.1590, 11.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 35, 56) }
```

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

```
.background{ background-color: rgb(60, 35,  
56) }
```

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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