

Converting Colors

YIQ(59.2680, 1.8810, -6.5590)

Have a look what the booklet for
YIQ(59.2680, 1.8810, -6.5590)
contains.

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Color

**YIQ(59.2680, 1.8810,
-6.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	393F2E
RGB	57, 63, 46
RGB Percent	22%, 25%, 18%
CMY	0.7765, 0.7529, 0.8196
CMYK	0.10, 0.00, 0.27, 0.75
HSL	81°, 16%, 21%
HSV	81°, 27%, 25%
XYZ	3.9579, 4.6223, 3.2689
YIQ	59.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

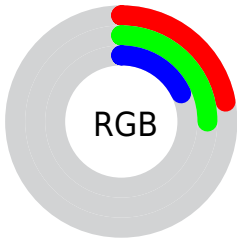
Format	Color
R_{YB}	46, 63, 52
Decimal	3751726
CIE Lab	25.63, -6.14, 9.62
CIE LCh	26, 11.407, 122.540
Yxy	4.6223, 0.3340, 0.3901
Android (android.graphics.Color)	4281941806 (0xFF393F2E)
YUV	59.2680, -6.5411, -1.9890
Hunter-Lab	21.4994, -4.7636, 6.0348

Details

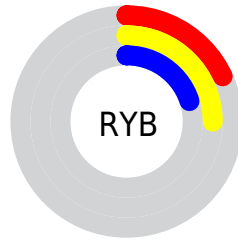
The YIQ color **59.2680, 1.8810, -6.5590** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.7320, -1.8810, 6.5590**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.7410, 1.9270, -7.3930**, and **16.8120, 3.1650, -7.8030** is the 20% darker color. If you saturate the color by 10%, you get **57.9860, 2.6150, -8.8490**, and if you desaturate by 10%, it is **60.5500, 1.1470, -4.2690**.

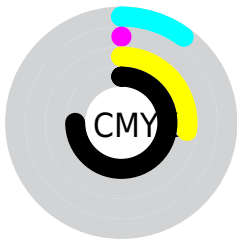
Distribution



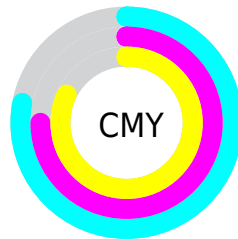
- Red (22%)
- Green (25%)
- Blue (18%)



- Red (18%)
- Yellow (25%)
- Blue (20%)



- Cyan (10%)
- Magenta (0%)
- Yellow (27%)
- Black (75%)



- Cyan (78%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.2680, 1.8810, -6.5590 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 59.2680, 1.8810, -6.5590 by changing the saturation by 10% instead.

■ 59.2680, 1.8810,
-6.5590

■ 59.2680, 1.8810,
-6.5590

■ 255.0000, -0.0000,
-0.0000

■ 37.3820, 1.5600,
-6.2480

■ 106.7410, 1.9270,
-7.3930

■ 16.8120, 3.1650,
-7.8030

■ 131.6270, 2.2480,
-7.7040

■ 0.0000, 0.0000,
0.0000

■ 157.6270, 2.2480,
-7.7040

■ 184.6270, 2.2480,
-7.7040

■ 212.5130, 2.5690,
-8.0150

■ 240.5130, 2.5690,

-8.0150

254.6580, 0.9630,
-0.9330

■ 59.2680, 1.8810,
-6.5590

■ 59.2680, 1.8810,
-6.5590

■ 57.9860, 2.6150,
-8.8490

■ 60.5500, 1.1470,
-4.2690

■ 56.5900, 3.6700,
-11.4500

■ 61.9460, 0.0920,
-1.6680

■ 55.0090, 3.8080,
-13.9520

■ 63.5270, -0.0460,
0.8340

■ 53.7270, 4.5420,
-16.2420

■ 64.8090, -0.7800,
3.1240

■ 52.4450, 5.2760,
-18.5320

■ 66.2050, -1.8350,
5.7250

■ 51.0490, 6.3310,
-21.1330

■ 67.4870, -2.5690,
8.0150

■ 49.4680, 6.4690,
-23.6350

■ 69.0680, -2.7070,
10.5170

■ 49.2400, 7.1110,
-24.2570

■ 70.3500, -3.4410,
12.8070

■ 71.7460, -4.4960,
15.4080

Harmonies

Analogous

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



59.8560, 9.0330, -4.0150



59.2680, 1.8810, -6.5590



58.1360, -6.5550, -7.8590

Triad

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



59.2680, 1.8810, -6.5590



58.4910, -17.5600, -1.1440



62.4470, 12.1030, 6.4310

Complementary

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



59.2680, 1.8810, -6.5590



49.7320, -1.8810, 6.5590

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.



62.5650, 5.9590, 7.6470



59.2680, 1.8810, -6.5590



59.9480, -11.4170, 3.1670

Square

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



59.2680, 1.8810, -6.5590



56.8990, -18.8890, -4.5930



61.4330, -2.4770, 6.3470



61.5350, 14.6710, 3.9430

Rectangle

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



59.2680, 1.8810, -6.5590



57.0260, -12.0570, -7.2650



61.4330, -2.4770, 6.3470



62.4900, 10.5440, 7.1520

Sweetspot

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



59.2680, 1.8810, -6.5590



80.3050, 0.4590, -2.8130



54.6050, 8.4820, 0.4660



39.9460, 0.0920, -1.6680



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.



59.2680, 1.8810, -6.5590



75.9320, 2.7070, -10.5170



56.8760, -2.8870, -8.2550



30.3590, 0.3670, -1.1450



73.4170, 10.5060, -36.2300



173.0710, 24.1780, -85.7900

Inverse Universe

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



49.7320, -1.8810, 6.5590



61.0680, -2.7070, 10.5170



52.1240, 2.8870, 8.2550



28.6410, -0.3670, 1.1450



20.5830, -10.5060, 36.2300



48.6300, -24.7740, 85.5780

Previews

White Background



This preview shows how the YIQ color 59.2680, 1.8810, -6.5590 looks on a white background.

Color Contrast Check

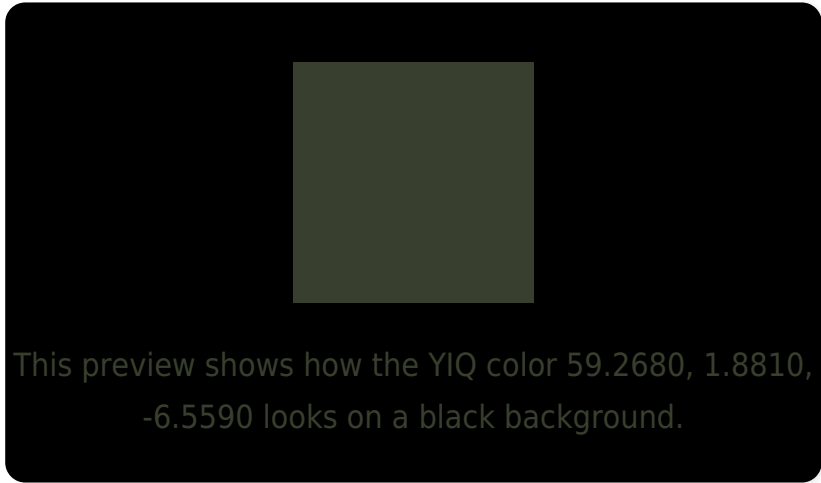
Large Text (above 18pt) WCAG AA ✓ Pass

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

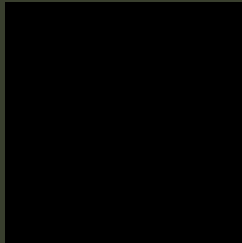
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.2680, 1.8810, -6.5590

Background



This preview shows how black text looks on a background with the YIQ color 59.2680, 1.8810, -6.5590.



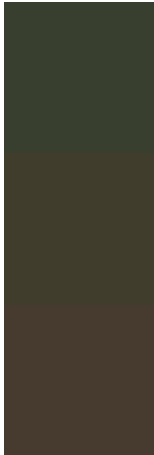
This preview shows how white text looks on a background with the YIQ color 59.2680, 1.8810,

-6.5590.

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

59.2680, 1.8810, -6.5590

Protanopia

60.3720, 7.5200, -4.1280

Deuteranopia

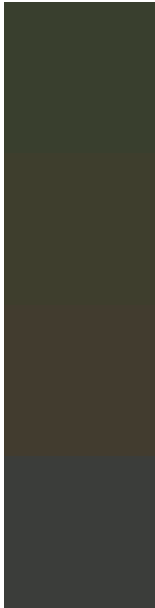
60.6330, 11.2790, -0.6650



Tritanopia

60.5700, -1.6050, 1.5550

Trichromacy



Original Color

59.2680, 1.8810, -6.5590

Protanomaly

60.0620, 5.4570, -5.2870

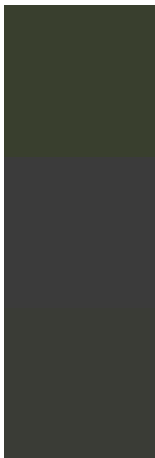
Deuteranomaly

60.3120, 7.7490, -2.7710

Tritanomaly

60.0600, -0.2290, -1.3570

Monochromacy



Original Color

59.2680, 1.8810, -6.5590

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.7180, 0.7340, -2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.2680, 1.8810, -6.5590 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(57, 63, 46)` looks like.

```
.text, #text, p{  
    color:rgb(57, 63, 46)  
}
```

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(57, 63, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 63, 46) }
```

Border

The CSS property to change the border of an element to YIQ 59.2680, 1.8810, -6.5590 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(57, 63, 46) }
```


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

```
.border{ border-color:rgb(57, 63, 46) }
```

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

Here you see how a box with a 4 pixel rgb(57, 63, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 63, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 63, 46);  
box-shadow:4px 4px 4px 4px rgb(57, 63, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.2680, 1.8810, -6.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 63, 46) }
```

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

```
.background{ background-color: rgb(57, 63,  
46) }
```

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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