

Converting Colors

YIQ(58.7600, 0.9160, 5.4280)

Have a look what the booklet for
YIQ(58.7600, 0.9160, 5.4280)
contains.

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Color

YIQ(58.7600, 0.9160, 5.4280)

Conversions

Conversions Part 1

Format	Color
Hex	3F3743
RGB	63, 55, 67
RGB Percent	25%, 22%, 26%
CMY	0.7529, 0.7843, 0.7373
CMYK	0.06, 0.18, 0.00, 0.74
HSL	280°, 10%, 24%
HSV	280°, 18%, 26%
XYZ	4.4294, 4.1943, 5.8861
YIQ	58.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

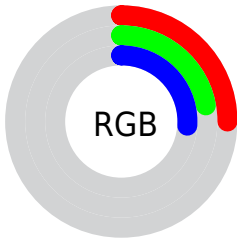
Format	Color
RYB	63, 55, 67
Decimal	4142915
CIELab	24.30, 6.21, -6.13
CIELCh	24, 8.728, 315.349
Yxy	4.1943, 0.3053, 0.2891
Android (android.graphics.Color)	4282332995 (0xFF3F3743)
YUV	58.7600, 4.0623, 3.7185
Hunter-Lab	20.4799, 2.7664, -2.7044

Details

The YIQ color **58.7600, 0.9160, 5.4280** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.2400, -0.9160, -5.4280**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.1730, 1.1910, 5.9510**, and **15.4720, 1.7870, 6.1630** is the 20% darker color. If you saturate the color by 10%, you get **54.0530, 1.6490, 8.6650**, and if you desaturate by 10%, it is **63.4670, 0.1830, 2.1910**.

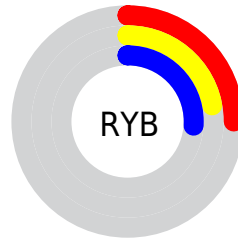
Distribution



 Red (25%)

 Green (22%)

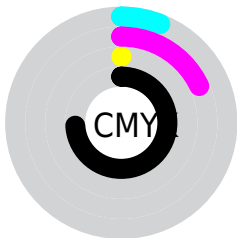
 Blue (26%)



 Red (25%)

 Yellow (22%)

 Blue (26%)

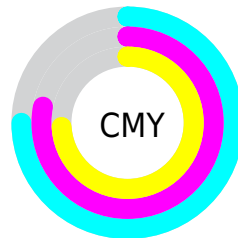


 Cyan (6%)

 Magenta (18%)

 Yellow (0%)

 Black (74%)



 Cyan (75%)

 Magenta (78%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.7600, 0.9160, 5.4280 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 58.7600, 0.9160, 5.4280 by changing the saturation by 10% instead.

■ 58.7600, 0.9160,
5.4280

■ 58.7600, 0.9160,
5.4280

■ 255.0000, -0.0000,
-0.0000

■ 37.3470, 0.6410,
4.9050

■ 106.1730, 1.1910,
5.9510

■ 15.4720, 1.7870,
6.1630

■ 131.1730, 1.1910,
5.9510

■ 0.0000, 0.0000,
0.0000

■ 157.2870, 0.8700,
6.2620

■ 183.7000, 1.1450,
6.7850

■ 211.7000, 1.1450,
6.7850

■ 240.1130, 1.4200,

7.3080

■ 58.7600, 0.9160,
5.4280

■ 58.7600, 0.9160,
5.4280

■ 54.0530, 1.6490,
8.6650

■ 63.4670, 0.1830,
2.1910

■ 49.9330, 2.1070,
11.3790

■ 67.5870, -0.2750,
-0.5230

■ 44.9270, 2.2440,
14.4040

■ 72.5930, -0.4120,
-3.5480

■ 40.2200, 2.9770,
17.6410

■ 77.3000, -1.1450,
-6.7850

■ 35.5130, 3.7100,
20.8780

■ 81.4200, -1.6030,
-9.4990

■ 31.3930, 4.1680,
23.5920

■ 86.1270, -2.3360,
-12.7360

■ 26.3870, 4.3050,
26.6170

■ 91.1330, -2.4730,
-15.7610

■ 21.6800, 5.0380,
29.8540

■ 95.8400, -3.2060,
-18.9980

■ 21.0930, 5.3130,
30.3770

■ 99.9600, -3.6640,
-21.7120

Harmonies

Analogous

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



57.8840, -5.3650, 3.6190



58.7600, 0.9160, 5.4280



58.6960, 6.9680, 5.8800

Triad

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



58.7600, 0.9160, 5.4280



57.7360, 9.4910, -1.3010



55.6070, -12.1950, -4.7630

Complementary

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



58.7600, 0.9160, 5.4280



63.2400, -0.9160, -5.4280

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.



55.4180, -7.2890, -5.5690



58.7600, 0.9160, 5.4280



56.8170, 4.7690, -3.8310

Square

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



58.7600, 0.9160, 5.4280



58.2140, 11.1410, 1.8370



56.2400, -0.9160, -5.4280



55.7040, -13.8460, -2.3740

Rectangle

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



58.7600, 0.9160, 5.4280



58.8380, 9.4440, 5.0600



56.2400, -0.9160, -5.4280



55.6780, -10.9570, -5.1730

Sweetspot

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



58.7600, 0.9160, 5.4280



83.4670, 0.1830, 2.1910



58.7160, -4.9520, 1.6400



41.5270, -0.0460, 0.8340



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



58.7600, 0.9160, 5.4280



74.0530, 1.6490, 8.6650



59.7280, 3.9420, 5.6540



30.9400, 0.2290, 1.3570



30.4930, 7.6030, 43.9470



70.3860, 17.4960, 101.4640

Inverse Universe

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



59.0440, 5.8680, 3.7880



74.4790, 9.0770, 6.2050



62.2720, -3.9420, -5.6540



31.0110, 1.4670, 0.9470



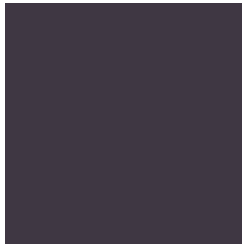
32.6510, 47.5400, 30.5160



75.5260, 109.4290, 70.8130

Previews

White Background



This preview shows how the YIQ color 58.7600, 0.9160, 5.4280 looks on a white background.

Color Contrast Check

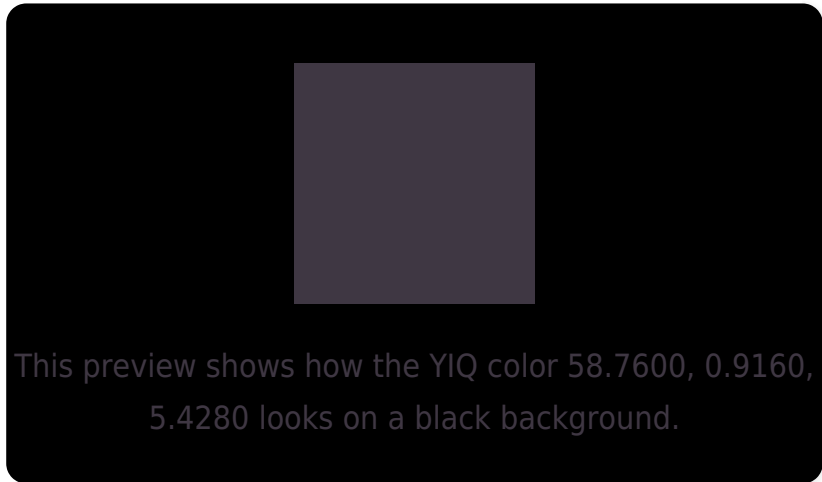
Large Text (above 18pt) WCAG AA ✓ Pass

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

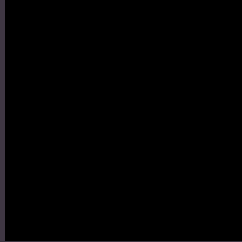
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.7600, 0.9160, 5.4280

Background



This preview shows how black text looks on a background with the YIQ color 58.7600, 0.9160, 5.4280.

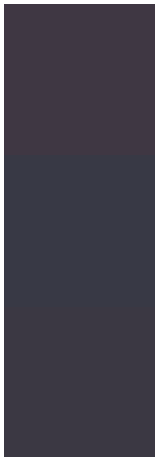


This preview shows how white text looks on a background with the YIQ color 58.7600, 0.9160, 5.4280.

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

58.7600, 0.9160, 5.4280

Protanopia

58.0690, -4.4480, 3.5200

Deuteranopia

58.1510, -1.7430, 4.0570



Tritanopia

58.3640, 1.9710, 2.8270

Trichromacy



Original Color

58.7600, 0.9160, 5.4280

Protanomaly

58.2650, -2.0640, 4.3680

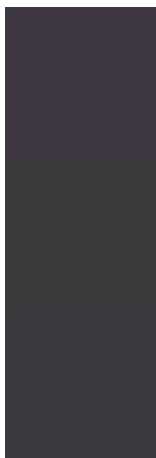
Deuteranomaly

58.4500, -1.1470, 4.2690

Tritanomaly

58.5920, 1.3290, 3.4490

Monochromacy



Original Color

58.7600, 0.9160, 5.4280

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.7600, 0.9160, 5.4280 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(63, 55, 67)` looks like.

```
.text, #text, p{  
    color:rgb(63, 55, 67)  
}
```

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(63, 55, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 55, 67) }
```

Border

The CSS property to change the border of an element to YIQ 58.7600, 0.9160, 5.4280 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(63, 55, 67) }
```

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

```
.border{ border-color:rgb(63, 55, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 55, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 55, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 55, 67);  
box-shadow:4px 4px 4px 4px rgb(63, 55, 67)  
}
```


Background

The CSS property to change the background color of an element to YIQ 58.7600, 0.9160, 5.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 55, 67) }
```

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

```
.background{ background-color: rgb(63, 55,  
67) }
```

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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