

Converting Colors

YIQ(57.1670, 1.3280, 8.9760)

Have a look what the booklet for
YIQ(57.1670, 1.3280, 8.9760)
contains.

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Color

YIQ(57.1670, 1.3280, 8.9760)

Conversions

Conversions Part 1

Format	Color
Hex	403347
RGB	64, 51, 71
RGB Percent	25%, 20%, 28%
CMY	0.7490, 0.8000, 0.7216
CMYK	0.10, 0.28, 0.00, 0.72
HSL	279°, 16%, 24%
HSV	279°, 28%, 28%
XYZ	4.4359, 3.9124, 6.4822
YIQ	57.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

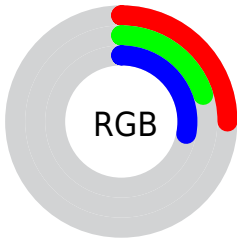
Format	Color
RYB	64, 51, 71
Decimal	4207431
CIELab	23.38, 10.28, -10.20
CIElCh	23, 14.479, 315.226
Yxy	3.9124, 0.2991, 0.2638
Android (android.graphics.Color)	4282397511 (0xFF403347)
YUV	57.1670, 6.8197, 5.9925
Hunter-Lab	19.7799, 5.4163, -5.5843

Details

The YIQ color **57.1670, 1.3280, 8.9760** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.8330, -1.3280, -8.9760**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.9930, 1.8780, 10.0220**, and **12.7050, 2.7490, 10.7570** is the 20% darker color. If you saturate the color by 10%, you get **52.4600, 2.0610, 12.2130**, and if you desaturate by 10%, it is **61.8740, 0.5950, 5.7390**.

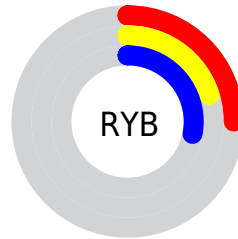
Distribution



 Red (25%)

 Green (20%)

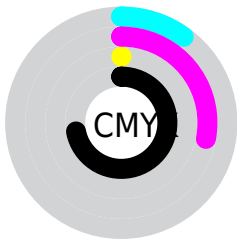
 Blue (28%)



 Red (25%)

 Yellow (20%)

 Blue (28%)

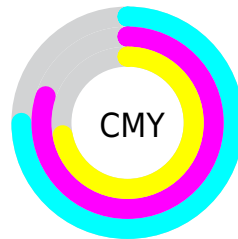


 Cyan (10%)

 Magenta (28%)

 Yellow (0%)

 Black (72%)



 Cyan (75%)

 Magenta (80%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.1670, 1.3280, 8.9760 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 57.1670, 1.3280, 8.9760 by changing the saturation by 10% instead.

■ 57.1670, 1.3280,
8.9760

■ 57.1670, 1.3280,
8.9760

■ 255.0000, -0.0000,
-0.0000

■ 35.7540, 1.0530,
8.4530

■ 103.9930, 1.8780,
10.0220

■ 12.7050, 2.7490,
10.7570

■ 129.1070, 1.5570,
10.3330

■ 0.0000, 0.0000,
0.0000

■ 155.5200, 1.8320,
10.8560

■ 182.5200, 1.8320,
10.8560

■ 209.9330, 2.1070,
11.3790

■ 237.9330, 2.1070,

11.3790

■ 57.1670, 1.3280,
8.9760

■ 57.1670, 1.3280,
8.9760

■ 52.4600, 2.0610,
12.2130

■ 61.8740, 0.5950,
5.7390

■ 47.4540, 2.1980,
15.2380

■ 66.8800, 0.4580,
2.7140

■ 42.7470, 2.9310,
18.4750

■ 71.5870, -0.2750,
-0.5230

■ 37.7410, 3.0680,
21.5000

■ 76.5930, -0.4120,
-3.5480

■ 32.4470, 4.0760,
25.2600

■ 81.3000, -1.1450,
-6.7850

■ 27.4410, 4.2130,
28.2850

■ 86.8930, -1.5570,
-10.3330

■ 22.7340, 4.9460,
31.5220

■ 91.6000, -2.2900,
-13.5700

■ 21.8480, 4.6250,
31.8330

■ 96.6060, -2.4270,
-16.5950

■ 101.3130, -3.1600,
-19.8320

Harmonies

Analogous

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



55.8990, -9.7210, 5.4710



57.1670, 1.3280, 8.9760



57.3700, 11.0020, 9.8660

Triad

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



57.1670, 1.3280, 8.9760



55.4330, 14.7180, -2.4180



49.9260, -23.5190, -8.7910

Complementary

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



57.1670, 1.3280, 8.9760



64.8330, -1.3280, -8.9760

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.



51.3740, -13.1570, -9.3570



57.1670, 1.3280, 8.9760



54.7910, 7.6580, -6.6300

Square

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



57.1670, 1.3280, 8.9760



56.4490, 17.7890, 2.5010



53.2350, -2.5200, -9.4000



50.1800, -27.0500, -5.3700

Rectangle

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



57.1670, 1.3280, 8.9760



57.3550, 15.3580, 8.0140



53.2350, -2.5200, -9.4000



50.3670, -20.4470, -9.3990

Sweetspot

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



57.1670, 1.3280, 8.9760



86.4070, 0.4120, 3.5480



57.3890, -8.3450, 2.5590



42.4670, 0.1830, 2.1910



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



57.1670, 1.3280, 8.9760



70.5140, 1.9690, 13.8810



58.9180, 6.4630, 9.5270



33.0540, -0.0920, 1.6680



30.7210, 6.9610, 44.5690



70.1300, 15.3410, 101.9730

Inverse Universe

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



57.7780, 9.6730, 6.4170



71.4090, 15.2660, 9.6820



63.0820, -6.4630, -9.5270



33.3100, 2.0630, 1.1590



33.5910, 47.7690, 31.8730



76.8790, 109.9330, 72.6930

Previews

White Background



This preview shows how the YIQ color 57.1670, 1.3280, 8.9760 looks on a white background.

Color Contrast Check

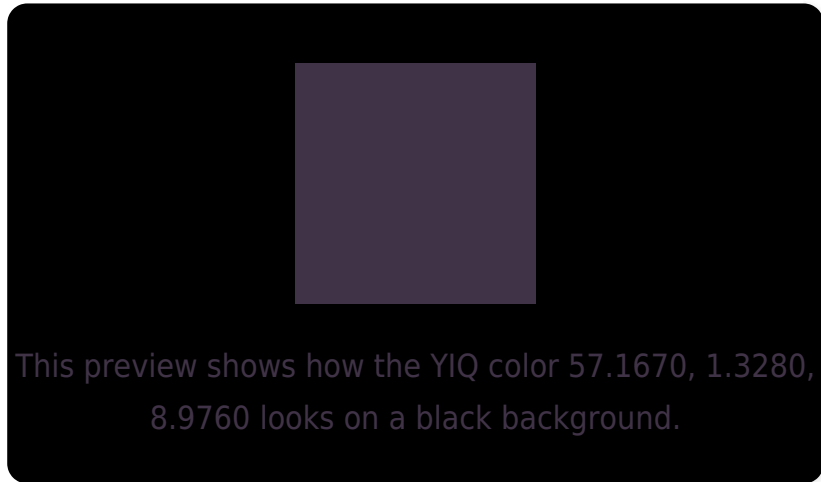
Large Text (above 18pt) WCAG AA ✓ Pass

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

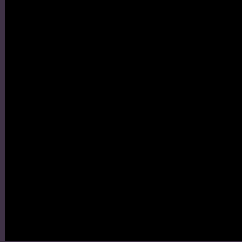
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.1670, 1.3280, 8.9760

Background



This preview shows how black text looks on a background with the YIQ color 57.1670, 1.3280, 8.9760.



This preview shows how white text looks on a background with the YIQ color 57.1670, 1.3280, 8.9760.

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

57.1670, 1.3280, 8.9760

Protanopia

55.9700, -8.4830, 5.0610

Deuteranopia

56.4110, -5.4110, 4.4530



Tritanopia

56.8480, 3.4840, 2.9400

Trichromacy



Original Color

57.1670, 1.3280, 8.9760

Protanomaly

56.7640, -4.9070, 6.3330

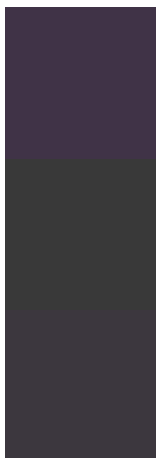
Deuteranomaly

57.0200, -2.7520, 5.8240

Tritanomaly

57.1300, 2.7500, 5.2300

Monochromacy



Original Color

57.1670, 1.3280, 8.9760

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2930, 0.7330, 3.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.1670, 1.3280, 8.9760 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(64, 51, 71)` looks like.

```
.text, #text, p{  
    color:rgb(64, 51, 71)  
}
```

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(64, 51, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 51, 71) }
```

Border

The CSS property to change the border of an element to YIQ 57.1670, 1.3280, 8.9760 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(64, 51, 71) }
```

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

```
.border{ border-color:rgb(64, 51, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 51, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 51, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 51, 71);  
box-shadow:4px 4px 4px 4px rgb(64, 51, 71)  
}
```


Background

The CSS property to change the background color of an element to YIQ 57.1670, 1.3280, 8.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 51, 71) }
```

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

```
.background{ background-color: rgb(64, 51,  
71) }
```

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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