

Converting Colors

YIQ(57.1840, 2.6580, 6.8980)

Have a look what the booklet for
YIQ(57.1840, 2.6580, 6.8980)
contains.

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Color

YIQ(57.1840, 2.6580, 6.8980)

Conversions

Conversions Part 1

Format	Color
Hex	403442
RGB	64, 52, 66
RGB Percent	25%, 20%, 26%
CMY	0.7490, 0.7961, 0.7412
CMYK	0.03, 0.21, 0.00, 0.74
HSL	291°, 12%, 23%
HSV	291°, 21%, 26%
XYZ	4.3261, 3.9392, 5.6866
YIQ	57.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

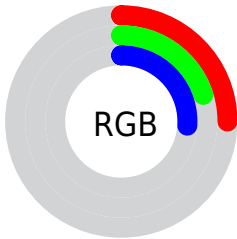
Format	Color
RYB	64, 52, 66
Decimal	4207682
CIELab	23.47, 8.39, -6.71
CIElCh	23, 10.745, 321.373
Yxy	3.9392, 0.3101, 0.2823
Android (android.graphics.Color)	4282397762 (0xFF403442)
YUV	57.1840, 4.3463, 5.9776
Hunter-Lab	19.8474, 4.1744, -3.0943

Details

The YIQ color **57.1840, 2.6580, 6.8980** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.8160, -2.6580, -6.8980**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0100, 3.2080, 7.9440**, and **13.4230, 3.4830, 8.4670** is the 20% darker color. If you saturate the color by 10%, you get **52.7760, 3.9870, 10.3470**, and if you desaturate by 10%, it is **61.5920, 1.3290, 3.4490**.

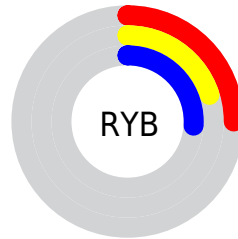
Distribution



 Red (25%)

 Green (20%)

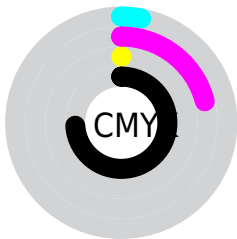
 Blue (26%)



 Red (25%)

 Yellow (20%)

 Blue (26%)

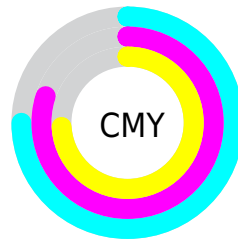


 Cyan (3%)

 Magenta (21%)

 Yellow (0%)

 Black (74%)



 Cyan (75%)

 Magenta (80%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.1840, 2.6580, 6.8980 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 57.1840, 2.6580, 6.8980 by changing the saturation by 10% instead.

■ 57.1840, 2.6580,
6.8980

■ 57.1840, 2.6580,
6.8980

255.0000, -0.0000,
-0.0000

■ 35.7710, 2.3830,
6.3750

■ 104.0100, 3.2080,
7.9440

■ 13.4230, 3.4830,
8.4670

■ 129.0100, 3.2080,
7.9440

■ 0.0000, 0.0000,
0.0000

■ 155.4230, 3.4830,
8.4670

■ 182.4230, 3.4830,
8.4670

■ 209.8360, 3.7580,
8.9900

■ 237.8360, 3.7580,

8.9900

■ 57.1840, 2.6580,
6.8980

■ 57.1840, 2.6580,
6.8980

■ 52.7760, 3.9870,
10.3470

■ 61.5920, 1.3290,
3.4490

■ 48.9550, 5.0410,
13.2730

■ 65.4130, 0.2750,
0.5230

■ 44.5470, 6.3700,
16.7220

■ 69.8210, -1.0540,
-2.9260

■ 40.7260, 7.4240,
19.6480

■ 73.6420, -2.1080,
-5.8520

■ 36.3180, 8.7530,
23.0970

■ 78.0500, -3.4370,
-9.3010

■ 31.9100, 10.0820,
26.5460

■ 82.4580, -4.7660,
-12.7500

■ 28.0890, 11.1360,
29.4720

■ 86.2790, -5.8200,
-15.6760

■ 24.5670, 12.7860,
32.6100

■ 90.6870, -7.1490,
-19.1250

■ 94.2090, -8.7990,
-22.2630

Harmonies

Analogous

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



56.5250, -5.7320, 4.7640



57.1840, 2.6580, 6.8980



57.0060, 9.0310, 7.0390

Triad

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



57.1840, 2.6580, 6.8980



55.9810, 10.1790, -2.7570



52.0410, -16.4130, -5.4130

Complementary

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



57.1840, 2.6580, 6.8980



60.8160, -2.6580, -6.8980

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.



52.6240, -10.8650, -6.8410



57.1840, 2.6580, 6.8980



54.8770, 4.5400, -5.1880

Square

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



57.1840, 2.6580, 6.8980



56.4700, 13.2960, 1.3280



53.9300, -2.9790, -6.5870



52.8500, -17.1930, -2.2890

Rectangle

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



57.1840, 2.6580, 6.8980



56.9200, 12.1490, 5.5970



53.9300, -2.9790, -6.5870



52.1120, -15.1750, -5.8230

Sweetspot

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



57.1840, 2.6580, 6.8980



83.1790, 1.0540, 2.9260



54.7700, -5.0440, 3.3080



41.2390, 0.8250, 1.5690



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.



57.1840, 2.6580, 6.8980



73.1890, 4.2620, 10.8700



57.2120, 5.4550, 5.7670



31.2390, 0.8250, 1.5690



35.8750, 18.3310, 47.7630



83.2430, 43.1240, 110.5800

Inverse Universe

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



56.4140, 7.7020, 3.5900



71.9200, 12.1490, 5.5970



60.7880, -5.4550, -5.7670



30.8970, 1.7880, 0.6360



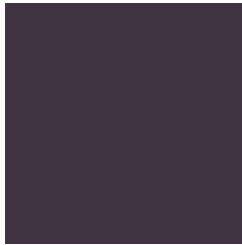
30.5990, 53.3180, 24.9180



70.6240, 123.2320, 57.4400

Previews

White Background



This preview shows how the YIQ color 57.1840, 2.6580, 6.8980 looks on a white background.

Color Contrast Check

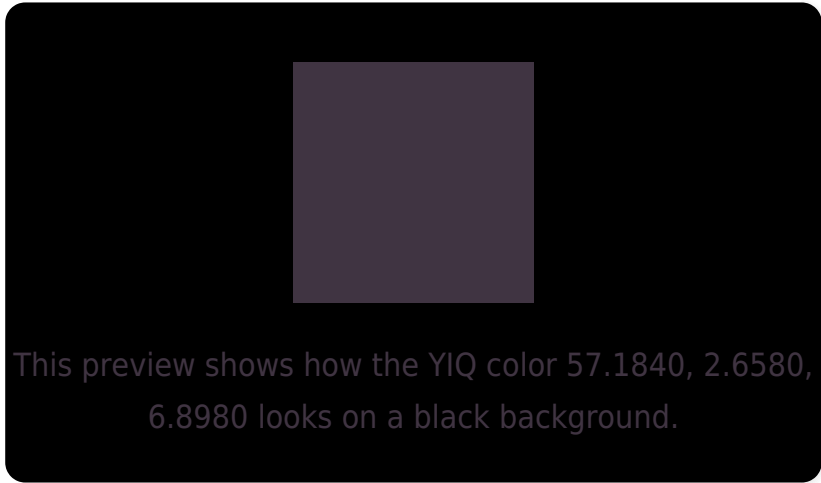
Large Text (above 18pt) WCAG AA ✓ Pass

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

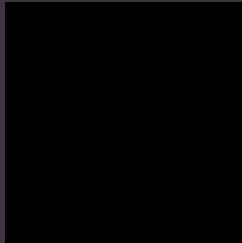
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.1840, 2.6580, 6.8980

Background



This preview shows how black text looks on a background with the YIQ color 57.1840, 2.6580, 6.8980.



This preview shows how white text looks on a background with the YIQ color 57.1840, 2.6580, 6.8980.

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

57.1840, 2.6580, 6.8980

Protanopia

55.8840, -5.3650, 3.6190

Deuteranopia

56.7380, -2.0180, 3.5340



Tritanopia

56.5600, 4.3550, 3.6750

Trichromacy



Original Color

57.1840, 2.6580, 6.8980

Protanomaly

56.3790, -2.3850, 4.6790

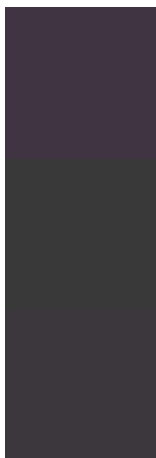
Deuteranomaly

57.0480, 0.0450, 4.6930

Tritanomaly

56.9020, 3.3920, 4.6080

Monochromacy



Original Color

57.1840, 2.6580, 6.8980

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.1840, 2.6580, 6.8980 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, 52, 66)` looks like.

```
.text, #text, p{  
    color:rgb(64, 52, 66)  
}
```

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, 52, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 52, 66) }
```

Border

The CSS property to change the border of an element to YIQ 57.1840, 2.6580, 6.8980 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, 52, 66) }
```

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

```
.border{ border-color:rgb(64, 52, 66) }
```

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

Here you see how a box with a 4 pixel rgb(64, 52, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 52, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 52, 66);  
box-shadow:4px 4px 4px 4px rgb(64, 52, 66)  
}
```


Background

The CSS property to change the background color of an element to YIQ 57.1840, 2.6580, 6.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 52, 66) }
```

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

```
.background{ background-color: rgb(64, 52,  
66) }
```

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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