

Converting Colors

YIQ(57.3340, -15.6800, -2.1760)

Have a look what the booklet for
YIQ(57.3340, -15.6800, -2.1760)
contains.

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Color

**YIQ(57.3340, -15.6800,
-2.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	293F47
RGB	41, 63, 71
RGB Percent	16%, 25%, 28%
CMY	0.8393, 0.7529, 0.7216
CMYK	0.42, 0.11, 0.00, 0.72
HSL	196°, 27%, 22%
HSV	196°, 42%, 28%
XYZ	3.8288, 4.4819, 6.6216
YIQ	57.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

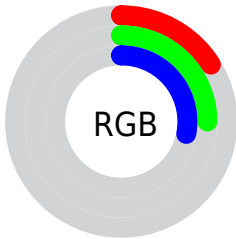
Format	Color
R_YB	41, 54, 71
Decimal	2703175
CIE Lab	25.20, -6.21, -7.61
CIE LCh	25, 9.818, 230.791
Yxy	4.4819, 0.2564, 0.3001
Android (android.graphics.Color)	4280893255 (0xFF293F47)
YUV	57.3340, 6.7373, -14.3249
Hunter-Lab	21.1705, -4.7661, -3.7250

Details

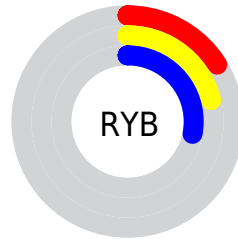
The YIQ color **57.3340, -15.6800, -2.1760** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.6660, 15.6800, 2.1760**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0350, -16.2760, -2.3880**, and **15.5190, -14.7630, -2.2750** is the 20% darker color. If you saturate the color by 10%, you get **54.0670, -19.3020, -2.6140**, and if you desaturate by 10%, it is **60.6010, -12.0580, -1.7380**.

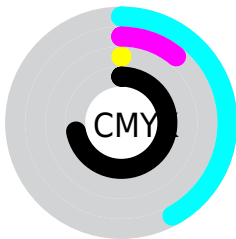
Distribution



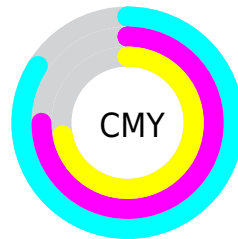
- Red (16%)
- Green (25%)
- Blue (28%)



- Red (16%)
- Yellow (21%)
- Blue (28%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.3340, -15.6800, -2.1760 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 57.3340, -15.6800, -2.1760 by changing the saturation by 10% instead.

■ 57.3340, -15.6800,
-2.1760

■ 57.3340, -15.6800,
-2.1760

■ 255.0000, -0.0000,
-0.0000

■ 35.3340, -15.6800,
-2.1760

■ 105.0350,
-16.2760, -2.3880

■ 15.5190, -14.7630,
-2.2750

■ 130.1490,
-16.5970, -2.0770

■ 0.0000, 0.0000,
0.0000

■ 155.9640,
-17.5140, -1.9780

■ 182.9640,
-17.5140, -1.9780

■ 210.6650,
-18.1100, -2.1900

■ 238.6650,

-18.1100, -2.1900

253.2060, -3.5760,
-1.2720

57.3340, -15.6800,
-2.1760

57.3340, -15.6800,
-2.1760

54.0670, -19.3020,
-2.6140

60.6010, -12.0580,
-1.7380

50.8000, -22.9240,
-3.0520

63.8680, -8.4360,
-1.3000

47.5330, -26.5460,
-3.4900

67.1350, -4.8140,
-0.8620

44.2660, -30.1680,
-3.9280

70.4020, -1.1920,
-0.4240

41.2870, -34.6610,
-5.1010

73.0820, 2.7050,
0.5370

■ 38.6180, -37.0910,
-5.1150

■ 76.6480, 6.9230,
1.1870

■ 79.9150, 10.5450,
1.6250

■ 83.1820, 14.1670,
2.0630

■ 86.4490, 17.7890,
2.5010

Harmonies

Analogous

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



56.6390, -15.2210, -4.9890



57.3340, -15.6800, -2.1760



58.5950, -11.9210, 1.2870

Triad

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



57.3340, -15.6800, -2.1760



61.1800, 8.4810, 5.9930



58.9910, 4.2190, -4.8770

Complementary

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



57.3340, -15.6800, -2.1760



54.6660, 15.6800, 2.1760

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.



59.5080, 10.1330, -1.9230



57.3340, -15.6800, -2.1760



60.9800, 11.9200, 4.2400

Square

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



57.3340, -15.6800, -2.1760



60.7710, 2.3830, 6.3750



60.2850, 12.3790, 1.4270



57.9300, -2.9790, -6.5870

Rectangle

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



57.3340, -15.6800, -2.1760



60.1010, -7.4740, 3.2940



60.2850, 12.3790, 1.4270



59.1870, 6.6030, -4.0290

Sweetspot

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



57.3340, -15.6800, -2.1760



86.6510, -6.3270, -0.9750



59.4080, -10.4970, -13.5130



42.7330, -3.6220, -0.4380



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.



57.3340, -15.6800, -2.1760



70.3160, -24.4370, -3.1650



48.5290, -11.5550, 5.6690



34.2170, -2.1090, -0.3250



54.1370, -51.8540, -7.3900



123.9070, -118.7920, -16.7440

Inverse Universe

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



52.4780, 10.8180, 13.2020



62.9290, 17.0980, 20.5380



62.8840, 11.8300, -5.1460



33.5380, 1.4210, 1.7810



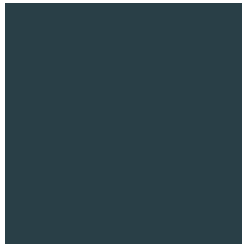
37.9230, 35.5710, 43.6910



86.9110, 81.6850, 100.0610

Previews

White Background



This preview shows how the YIQ color 57.3340, -15.6800, -2.1760 looks on a white background.

Color Contrast Check

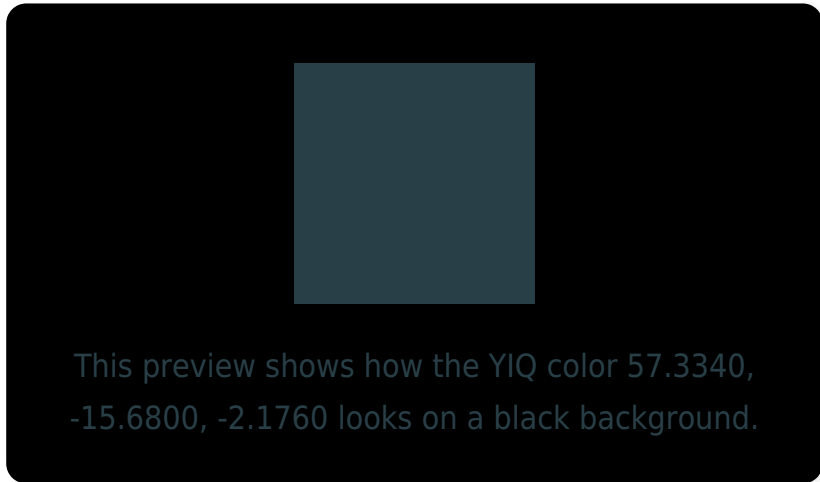
Large Text (above 18pt) WCAG AA ✓ Pass

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

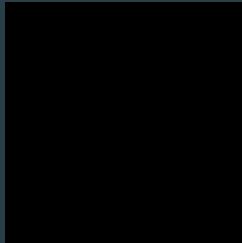
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

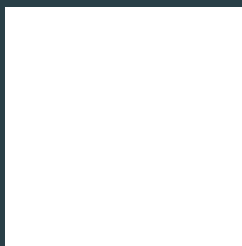
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 57.3340, -15.6800, -2.1760

Background



This preview shows how black text looks on a background with the YIQ color 57.3340, -15.6800, -2.1760.



This preview shows how white text looks on a background with the YIQ color 57.3340, -15.6800,

-2.1760.

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

57.3340, -15.6800, -2.1760

Protanopia

59.7270, -3.4850, 2.5870

Deuteranopia

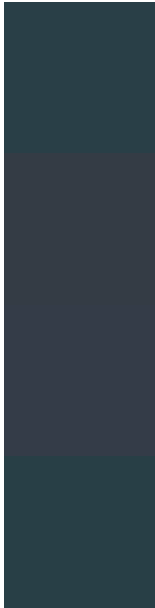
59.8950, -3.8980, 4.5660



Tritanopia

56.8070, -15.6340, -3.0100

Trichromacy



Original Color

57.3340, -15.6800, -2.1760

Protanomaly

58.6340, -7.6570, 1.1030

Deuteranomaly

58.9760, -8.6200, 2.0360

Tritanomaly

56.9210, -15.9550, -2.6990

Monochromacy



Original Color

57.3340, -15.6800, -2.1760

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9500, -5.7310, -0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.3340, -15.6800, -2.1760 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(41, 63, 71)` looks like.

```
.text, #text, p{  
    color:rgb(41, 63, 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(41, 63, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 63, 71) }
```

Border

The CSS property to change the border of an element to YIQ 57.3340, -15.6800, -2.1760 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(41, 63, 71) }
```


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

```
.border{ border-color:rgb(41, 63, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 63, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 63, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 63, 71);  
box-shadow:4px 4px 4px 4px rgb(41, 63, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.3340, -15.6800, -2.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 63, 71) }
```

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

```
.background{ background-color: rgb(41, 63,  
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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