

Converting Colors

YIQ(63.3820, -15.6350, 2.5170)

Have a look what the booklet for
YIQ(63.3820, -15.6350, 2.5170)
contains.

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Color

**YIQ(63.3820, -15.6350,
2.5170)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 324255 |
| RGB | 50, 66, 85 |
| RGB Percent | 20%, 26%, 33% |
| CMY | 0.8039, 0.7411, 0.6667 |
| CMYK | 0.41, 0.22, 0.00, 0.67 |
| HSL | 213°, 26%, 26% |
| HSV | 213°, 41%, 33% |
| XYZ | 4.9026, 5.2307, 9.3415 |
| YIQ | 63.3820, -15.6350, 2.5170 |

Conversions

Conversions Part 2

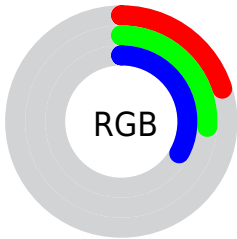
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 50, 61, 85 |
| Decimal | 3293781 |
| CIE Lab | 27.38, -0.87, -13.41 |
| CIE LCh | 27, 13.441, 266.289 |
| Yxy | 5.2307, 0.2517, 0.2686 |
| Android (android.graphics.Color) | 4281483861 (0xFF324255) |
| YUV | 63.3820, 10.6577, -11.7360 |
| Hunter-Lab | 22.8708, -1.7606, -8.2072 |

Details

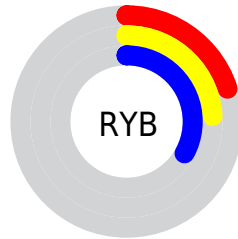
The YIQ color **63.3820, -15.6350, 2.5170** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.6180, 15.6350, -2.5170**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6100, -16.2770, 3.1390**, and **20.1430, -16.4600, 0.9480** is the 20% darker color. If you saturate the color by 10%, you get **57.7560, -19.6240, 3.2240**, and if you desaturate by 10%, it is **68.7090, -12.2420, 1.5980**.

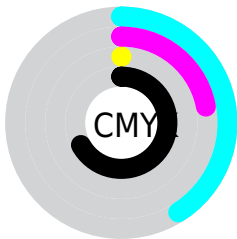
Distribution



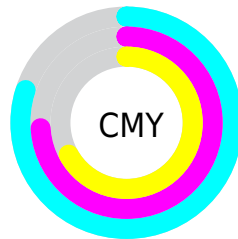
- Red (20%)
- Green (26%)
- Blue (33%)



- Red (20%)
- Yellow (24%)
- Blue (33%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (67%)



- Cyan (80%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.3820, -15.6350, 2.5170 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 63.3820, -15.6350, 2.5170 by changing the saturation by 10% instead.

■ 63.3820, -15.6350,
2.5170

■ 63.3820, -15.6350,
2.5170

■ 255.0000, -0.0000,
-0.0000

■ 40.9690, -15.9100,
1.9940

■ 111.6100,
-16.2770, 3.1390

■ 20.1430, -16.4600,
0.9480

■ 136.7240,
-16.5980, 3.4500

■ 2.7530, -6.3740,
5.3860

■ 163.4250,
-17.1940, 3.2380

■ 0.0000, 0.0000,
0.0000

■ 190.5390,
-17.5150, 3.5490

■ 218.5390,
-17.5150, 3.5490

■ 244.6010,

-12.0580, -1.7380

■ 63.3820, -15.6350,
2.5170

■ 63.3820, -15.6350,
2.5170

■ 57.7560, -19.6240,
3.2240

■ 68.7090, -12.2420,
1.5980

■ 53.0160, -23.2920,
3.6200

■ 73.7480, -7.9780,
1.4140

■ 47.6890, -26.6850,
4.5390

■ 79.0750, -4.5850,
0.4950

■ 42.6500, -30.9490,
4.7230

■ 84.1140, -0.3210,
0.3110

■ 37.3230, -34.3420,
5.6420

■ 89.4410, 3.0720,
-0.6080

■ 32.5830, -38.0100,
6.0380

■ 95.0670, 7.0610,
-1.3150

■ 99.8070, 10.7290,
-1.7110

■ 105.4330, 14.7180,
-2.4180

■ 110.1730, 18.3860,
-2.8140

Harmonies

Analogous

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



61.0990, -22.3280, -2.8400



63.3820, -15.6350, 2.5170



65.2910, -4.9530, 7.1670

Triad

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



63.3820, -15.6350, 2.5170



65.8450, 16.7340, 5.1020



61.7940, -5.5920, -8.7920

Complementary

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



63.3820, -15.6350, 2.5170



71.6180, 15.6350, -2.5170

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.



63.4100, 4.3570, -7.3790



63.3820, -15.6350, 2.5170



64.9110, 16.3680, 0.7200

Square

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



63.3820, -15.6350, 2.5170



66.0990, 13.2030, 8.5230



64.4110, 11.7840, -4.3120



60.2320, -15.6330, -8.5370

Rectangle

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



63.3820, -15.6350, 2.5170



66.0530, 1.6490, 8.6650



64.4110, 11.7840, -4.3120



62.6480, -2.2450, -8.8770

Sweetspot

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



63.3820, -15.6350, 2.5170



101.7050, -6.4190, 0.6930



72.7110, -15.7240, -12.3960



51.2600, -3.6680, 0.3960



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



63.3820, -15.6350, 2.5170



76.8310, -24.2090, 3.7190



54.2890, -10.6390, 11.0970



40.6300, -1.8340, 0.1980



40.9610, -47.8220, 7.6500



89.5990, -104.8600, 17.1240

Inverse Universe

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



62.2890, 15.7240, 12.3960



74.9960, 24.1590, 19.2230



80.7110, 10.6390, -11.0970



40.4240, 1.7420, 1.4700



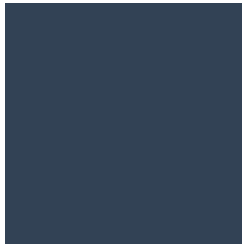
37.5790, 48.0430, 37.9230



82.4630, 105.7130, 83.0970

Previews

White Background



This preview shows how the YIQ color 63.3820, -15.6350, 2.5170 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

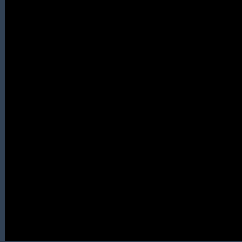
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

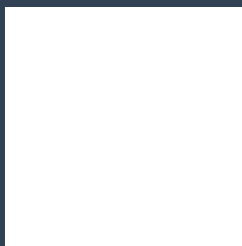
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 63.3820, -15.6350, 2.5170

Background



This preview shows how black text looks on a background with the YIQ color 63.3820, -15.6350, 2.5170.

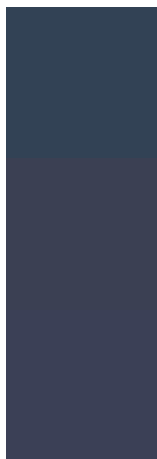


This preview shows how white text looks on a background with the YIQ color 63.3820, -15.6350,

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

63.3820, -15.6350, 2.5170

Protanopia

64.6710, -9.0790, 4.8490

Deuteranopia

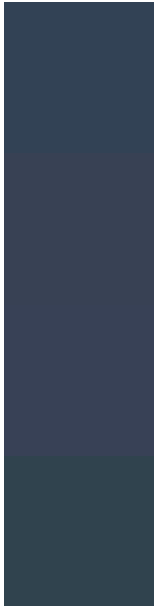
65.0130, -10.0420, 5.7820



Tritanopia

62.4050, -14.4420, -2.5860

Trichromacy



Original Color

63.3820, -15.6350, 2.5170

Protanomaly

64.4750, -11.4630, 4.0010

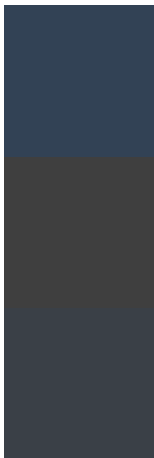
Deuteranomaly

64.7030, -12.1050, 4.6230

Tritanomaly

62.5730, -14.8550, -0.6070

Monochromacy



Original Color

63.3820, -15.6350, 2.5170

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0040, -5.8230, 0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.3820, -15.6350, 2.5170 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(50, 66, 85)` looks like.

```
.text, #text, p{  
    color:rgb(50, 66, 85)  
}
```

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(50, 66, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 66, 85) }
```

Border

The CSS property to change the border of an element to YIQ 63.3820, -15.6350, 2.5170 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(50, 66, 85) }
```


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

```
.border{ border-color:rgb(50, 66, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 66, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 66, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 66, 85);  
box-shadow:4px 4px 4px 4px rgb(50, 66, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.3820, -15.6350, 2.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 66, 85) }
```

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

```
.background{ background-color: rgb(50, 66,  
85) }
```

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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