

Converting Colors

YIQ(81.2680, -15.3140, 2.2060)

Have a look what the booklet for
YIQ(81.2680, -15.3140, 2.2060)
contains.

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Color

**YIQ(81.2680, -15.3140,
2.2060)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 445466 |
| RGB | 68, 84, 102 |
| RGB Percent | 27%, 33%, 40% |
| CMY | 0.7334, 0.6706, 0.6001 |
| CMYK | 0.33, 0.18, 0.00, 0.60 |
| HSL | 212°, 20%, 33% |
| HSV | 212°, 33%, 40% |
| XYZ | 7.9516, 8.5293, 13.7926 |
| YIQ | 81.2680, -15.3140, 2.2060 |

Conversions

Conversions Part 2

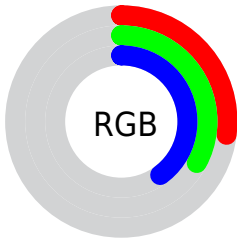
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 68, 79, 102 |
| Decimal | 4478054 |
| CIELab | 35.06, -1.41, -12.41 |
| CIElCh | 35, 12.487, 263.497 |
| Yxy | 8.5293, 0.2627, 0.2817 |
| Android (android.graphics.Color) | 4282668134 (0xFF445466) |
| YUV | 81.2680, 10.2209, -11.6360 |
| Hunter-Lab | 29.2050, -2.5089, -7.5574 |

Details

The YIQ color **81.2680, -15.3140, 2.2060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.7320, 15.3140, -2.2060**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4960, -15.9560, 2.8280**, and **36.0400, -14.6720, 1.5840** is the 20% darker color. If you saturate the color by 10%, you get **75.3430, -19.8990, 2.7010**, and if you desaturate by 10%, it is **87.1930, -10.7290, 1.7110**.

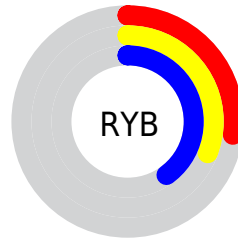
Distribution



Red (27%)

Green (33%)

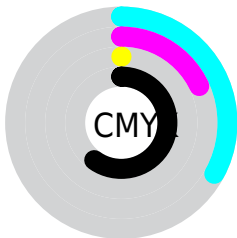
Blue (40%)



Red (27%)

Yellow (31%)

Blue (40%)

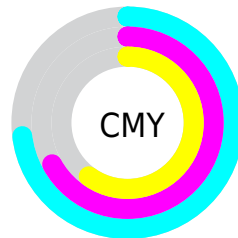


Cyan (33%)

Magenta (18%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (67%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.2680, -15.3140, 2.2060 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 81.2680, -15.3140, 2.2060 by changing the saturation by 10% instead.

■ 81.2680, -15.3140,
2.2060

■ 81.2680, -15.3140,
2.2060

■ 255.0000, -0.0000,
-0.0000

■ 58.1540, -14.9930,
1.8950

■ 130.4960,
-15.9560, 2.8280

■ 36.0400, -14.6720,
1.5840

■ 157.1970,
-16.5520, 2.6160

■ 15.0290, -16.1390,
0.6370

■ 184.1970,
-16.5520, 2.6160

■ 1.0260, -2.8890,
2.7990

■ 211.4250,
-17.1940, 3.2380

■ 0.0000, 0.0000,
0.0000

■ 238.9860,
-14.5800, -0.0840

254.7010, -0.5960,

-0.2120

■ 81.2680, -15.3140,
2.2060

■ 81.2680, -15.3140,
2.2060

■ 75.3430, -19.8990,
2.7010

■ 87.1930, -10.7290,
1.7110

■ 68.8310, -24.2090,
3.7190

■ 93.7050, -6.4190,
0.6930

■ 62.6070, -29.3900,
4.0020

■ 99.9290, -1.2380,
0.4100

■ 56.0950, -33.7000,
5.0200

■ 106.4410, 3.0720,
-0.6080

■ 50.1700, -38.2850,
5.5150

■ 112.3660, 7.6570,
-1.1030

■ 44.2450, -42.8700,
6.0100

■ 118.2910, 12.2420,
-1.5980

■ 39.8040, -45.9420,
6.6180

■ 124.8030, 16.5520,
-2.6160

■ 131.0270, 21.7330,
-2.8990

■ 137.5390, 26.0430,
-3.9170

Harmonies

Analogous

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



79.5830, -20.8150, -2.7270



81.2680, -15.3140, 2.2060



83.2800, -6.4200, 6.2200

Triad

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



81.2680, -15.3140, 2.2060



83.9590, 16.4130, 5.4130



79.9790, -4.6750, -8.8910

Complementary

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



81.2680, -15.3140, 2.2060



88.7320, 15.3140, -2.2060

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.



81.1220, 5.2280, -6.6440



81.2680, -15.3140, 2.2060



83.3240, 16.6430, 1.2430

Square

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



81.2680, -15.3140, 2.2060



84.5010, 12.0110, 8.0990



82.2370, 12.3340, -3.2660



78.7160, -14.1200, -8.4240

Rectangle

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



81.2680, -15.3140, 2.2060



83.7540, 1.0530, 8.4530



82.2370, 12.3340, -3.2660



80.3600, -1.3740, -8.1420

Sweetspot

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



81.2680, -15.3140, 2.2060



124.7050, -6.4190, 0.6930



90.0100, -15.1280, -12.1840



61.2600, -3.6680, 0.3960



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



81.2680, -15.3140, 2.2060



100.7170, -23.8880, 3.4080



72.1750, -10.3180, 10.7860



47.7440, -2.1550, 0.5090



44.8080, -51.7650, 7.5230



94.5060, -109.0320, 15.6400

Inverse Universe

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



79.9900, 15.1280, 12.1840



98.6970, 23.5630, 19.0110



97.8250, 10.3180, -10.7860



47.7230, 2.3380, 1.6820



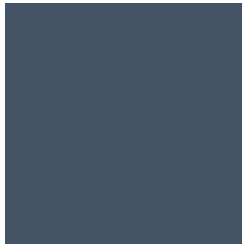
40.5410, 51.2060, 41.1740



85.3540, 107.6380, 86.7580

Previews

White Background



This preview shows how the YIQ color 81.2680, -15.3140, 2.2060 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

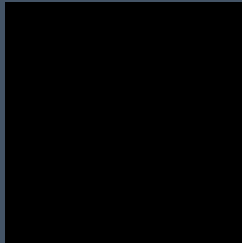
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

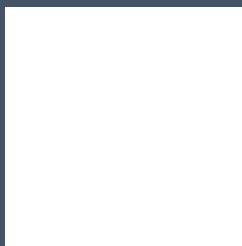
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 81.2680, -15.3140, 2.2060

Background



This preview shows how black text looks on a background with the YIQ color 81.2680, -15.3140, 2.2060.

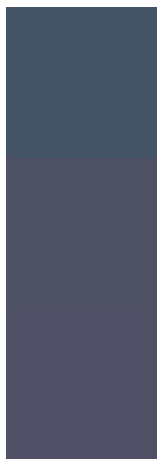


This preview shows how white text looks on a background with the YIQ color 81.2680, -15.3140,

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

81.2680, -15.3140, 2.2060

Protanopia

82.8560, -8.1620, 4.7500

Deuteranopia

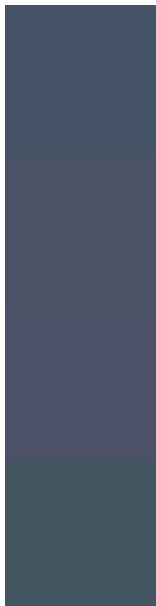
83.2090, -7.6580, 6.6300



Tritanopia

80.8180, -14.1670, -2.0630

Trichromacy



Original Color

81.2680, -15.3140, 2.2060

Protanomaly

82.3610, -11.1420, 3.6900

Deuteranomaly

82.6000, -10.3170, 5.2590

Tritanomaly

80.8720, -14.2590, -0.3950

Monochromacy



Original Color

81.2680, -15.3140, 2.2060

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.0040, -5.8230, 0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.2680, -15.3140, 2.2060 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(68, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(68, 84, 102)  
}
```

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(68, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 84, 102) }
```

Border

The CSS property to change the border of an element to YIQ 81.2680, -15.3140, 2.2060 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(68, 84, 102) }
```


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

```
.border{ border-color:rgb(68, 84, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 84, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(68, 84,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 81.2680, -15.3140, 2.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 84, 102) }
```

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

```
.background{ background-color: rgb(68, 84,  
102) }
```

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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