

Converting Colors

YIQ(68.6720, -10.8200, -2.1480)

Have a look what the booklet for
YIQ(68.6720, -10.8200, -2.1480)
contains.

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Color

**YIQ(68.6720, -10.8200,
-2.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	39494D
RGB	57, 73, 77
RGB Percent	22%, 29%, 30%
CMY	0.7765, 0.7137, 0.6981
CMYK	0.26, 0.05, 0.00, 0.70
HSL	192°, 15%, 26%
HSV	192°, 26%, 30%
XYZ	5.4090, 6.1712, 7.9251
YIQ	68.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

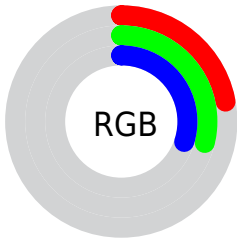
Format	Color
R_{YB}	57, 66, 77
Decimal	3754317
CIE _{Lab}	29.84, -5.27, -4.47
CIE _{LCh}	30, 6.907, 220.322
Yxy	6.1712, 0.2773, 0.3164
Android (android.graphics.Color)	4281944397 (0xFF39494D)
YUV	68.6720, 4.1057, -10.2363
Hunter-Lab	24.8419, -4.6077, -1.5254

Details

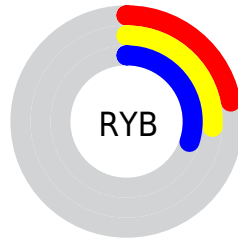
The YIQ color **68.6720, -10.8200, -2.1480** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.3280, 10.8200, 2.1480**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.3730, -11.4160, -2.3600**, and **24.9710, -10.2240, -1.9360** is the 20% darker color. If you saturate the color by 10%, you get **65.1060, -15.0380, -2.7980**, and if you desaturate by 10%, it is **72.2380, -6.6020, -1.4980**.

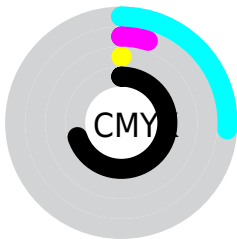
Distribution



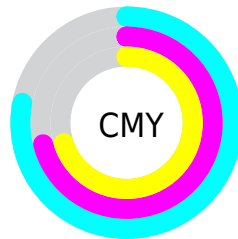
- Red (22%)
- Green (29%)
- Blue (30%)



- Red (22%)
- Yellow (26%)
- Blue (30%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (70%)



- Cyan (78%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.6720, -10.8200, -2.1480 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 68.6720, -10.8200, -2.1480 by changing the saturation by 10% instead.

■ 68.6720, -10.8200,
-2.1480

■ 68.6720, -10.8200,
-2.1480

■ 255.0000, -0.0000,
-0.0000

■ 45.9710, -10.2240,
-1.9360

■ 117.3730,
-11.4160, -2.3600

■ 24.9710, -10.2240,
-1.9360

■ 142.4870,
-11.7370, -2.0490

■ 1.1400, -3.2100,
3.1100

■ 169.0740,
-12.0120, -2.5720

■ 0.0000, 0.0000,
0.0000

■ 196.1880,
-12.3330, -2.2610

■ 224.1880,
-12.3330, -2.2610

■ 250.2160, -9.5360,

-3.3920

■ 68.6720, -10.8200,
-2.1480

■ 68.6720, -10.8200,
-2.1480

■ 65.1060, -15.0380,
-2.7980

■ 72.2380, -6.6020,
-1.4980

■ 62.4260, -18.9350,
-3.7590

■ 74.9180, -2.7050,
-0.5370

■ 58.8600, -23.1530,
-4.4090

■ 78.4840, 1.5130,
0.1130

■ 55.8810, -27.6460,
-5.5820

■ 81.4630, 6.0060,
1.2860

■ 52.3150, -31.8640,
-6.2320

■ 84.7300, 9.6280,
1.7240

■ 49.6350, -35.7610,
-7.1930

■ 87.7090, 14.1210,
2.8970

■ 46.0690, -39.9790,
-7.8430

■ 91.2750, 18.3390,
3.5470

■ 45.1720, -41.7670,
-8.4790

■ 94.2540, 22.8320,
4.7200

■ 97.5210, 26.4540,
5.1580

Harmonies

Analogous

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



68.1020, -9.2150, -3.7030



68.6720, -10.8200, -2.1480



69.6230, -9.1240, 0.1560

Triad

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



68.6720, -10.8200, -2.1480



71.3860, 4.9050, 4.7210



69.7570, 4.9980, -2.4740

Complementary

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



68.6720, -10.8200, -2.1480



65.3280, 10.8200, 2.1480

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.



70.6650, 8.2530, -0.8910



68.6720, -10.8200, -2.1480



71.7130, 8.2980, 3.8020

Square

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



68.6720, -10.8200, -2.1480



70.9340, 0.3660, 4.3820



70.8440, 9.3070, 2.0350



69.3650, 0.2300, -4.1700

Rectangle

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



68.6720, -10.8200, -2.1480



70.3460, -6.7860, 1.8380



70.8440, 9.3070, 2.0350



70.3550, 6.1900, -2.0500

Sweetspot

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



68.6720, -10.8200, -2.1480



96.0210, -4.4930, -1.1730



69.1960, -6.7840, -9.2160



48.9180, -2.7050, -0.5370



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



68.6720, -10.8200, -2.1480



86.5080, -16.2300, -3.2220



62.8020, -8.0700, 3.0820



36.2170, -2.1090, -0.3250



59.7620, -55.2920, -11.1640



134.2280, -124.4300, -24.7020

Inverse Universe

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



64.8040, 6.7840, 9.2160



80.7060, 10.1760, 13.8240



71.1980, 8.0700, -3.0820



35.5380, 1.4210, 1.7810



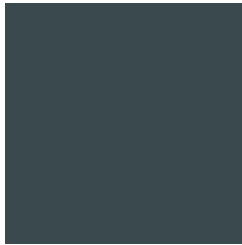
39.8460, 34.4700, 47.1260



89.7460, 78.0160, 105.9840

Previews

White Background



This preview shows how the YIQ color 68.6720, -10.8200, -2.1480 looks on a white background.

Color Contrast Check

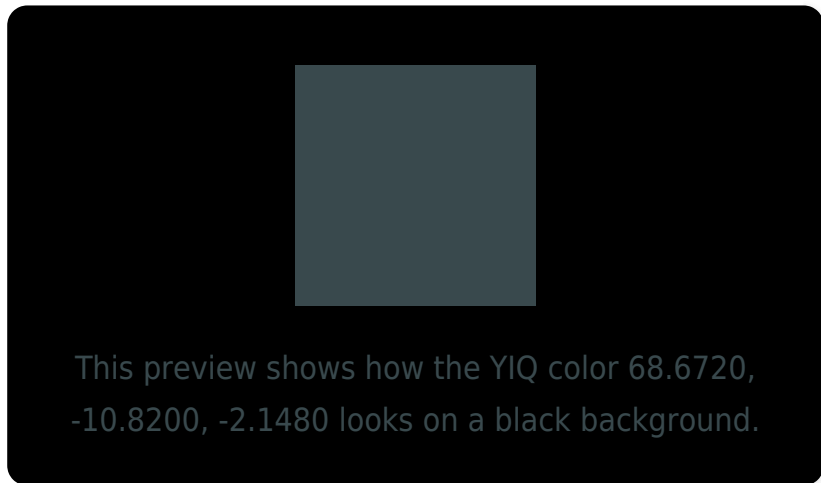
Large Text (above 18pt) WCAG AA ✓ Pass

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

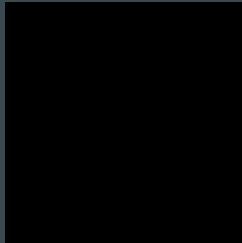
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

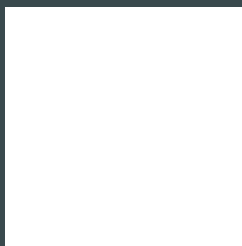
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 68.6720, -10.8200, -2.1480

Background



This preview shows how black text looks on a background with the YIQ color 68.6720, -10.8200, -2.1480.



This preview shows how white text looks on a background with the YIQ color 68.6720, -10.8200,

-2.1480.

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

68.6720, -10.8200, -2.1480

Protanopia

70.5700, -1.6050, 1.5550

Deuteranopia

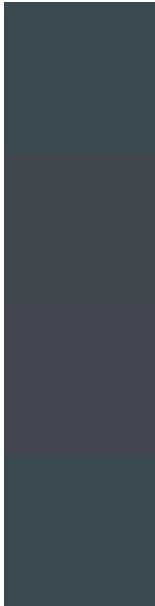
70.6350, -0.2300, 4.1700



Tritanopia

68.9000, -11.4620, -1.5260

Trichromacy



Original Color

68.6720, -10.8200, -2.1480

Protanomaly

69.7760, -5.1810, 0.2830

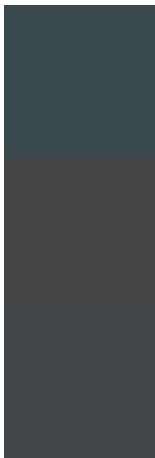
Deuteranomaly

70.0150, -4.3560, 1.8520

Tritanomaly

68.7860, -11.1410, -1.8370

Monochromacy



Original Color

68.6720, -10.8200, -2.1480

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.7330, -3.6220, -0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.6720, -10.8200, -2.1480 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(57, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(57, 73, 77)  
}
```

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(57, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 73, 77) }
```

Border

The CSS property to change the border of an element to YIQ 68.6720, -10.8200, -2.1480 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(57, 73, 77) }
```


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

```
.border{ border-color:rgb(57, 73, 77) }
```

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

Here you see how a box with a 4 pixel rgb(57, 73, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(57, 73, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.6720, -10.8200, -2.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 73, 77) }
```

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

```
.background{ background-color: rgb(57, 73,  
77) }
```

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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