

Converting Colors

YIQ(67.1760, -21.2270, -6.2750)

Have a look what the booklet for
YIQ(67.1760, -21.2270, -6.2750)
contains.

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Color

**YIQ(67.1760, -21.2270,
-6.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	2B4D50
RGB	43, 77, 80
RGB Percent	17%, 30%, 31%
CMY	0.8314, 0.6980, 0.6864
CMYK	0.46, 0.04, 0.00, 0.69
HSL	185°, 30%, 24%
HSV	185°, 46%, 31%
XYZ	5.0974, 6.4018, 8.5521
YIQ	67.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

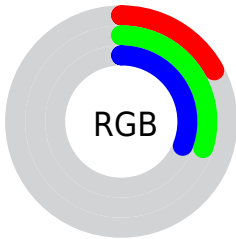
Format	Color
R _Y B	43, 61, 80
Decimal	2837840
CIE Lab	30.40, -11.46, -5.64
CIE LCh	30, 12.776, 206.217
Yxy	6.4018, 0.2542, 0.3193
Android (android.graphics.Color)	4281027920 (0xFF2B4D50)
YUV	67.1760, 6.3222, -21.2024
Hunter-Lab	25.3017, -8.3163, -2.3292

Details

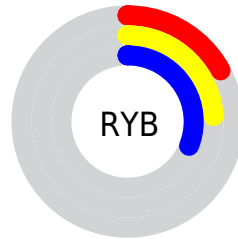
The YIQ color **67.1760, -21.2270, -6.2750** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55.8240, 21.2270, 6.2750**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.8770, -21.8230, -6.4870**, and **23.4750, -20.6310, -6.0630** is the 20% darker color. If you saturate the color by 10%, you get **64.1970, -25.7200, -7.4480**, and if you desaturate by 10%, it is **70.1550, -16.7340, -5.1020**.

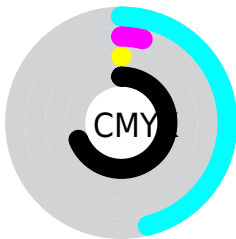
Distribution



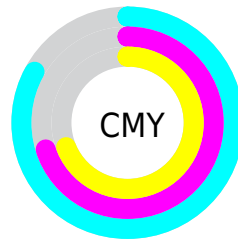
- Red (17%)
- Green (30%)
- Blue (31%)



- Red (17%)
- Yellow (24%)
- Blue (31%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.1760, -21.2270, -6.2750 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 67.1760, -21.2270, -6.2750 by changing the saturation by 10% instead.

67.1760, -21.2270,
-6.2750

67.1760, -21.2270,
-6.2750

255.0000, -0.0000,
-0.0000

43.8770, -21.8230,
-6.4870

115.8770,
-21.8230, -6.4870

23.4750, -20.6310,
-6.0630

141.5780,
-22.4190, -6.6990

3.4710, -5.6400,
3.0960

168.5780,
-22.4190, -6.6990

0.0000, 0.0000,
0.0000

195.3930,
-23.3360, -6.6000

223.9800,
-23.6110, -7.1230

246.0300,

-17.8800, -6.3600

254.7010, -0.5960,
-0.2120

■ 67.1760, -21.2270,
-6.2750

■ 67.1760, -21.2270,
-6.2750

■ 64.1970, -25.7200,
-7.4480

■ 70.1550, -16.7340,
-5.1020

■ 61.8050, -30.4880,
-9.1440

■ 72.5470, -11.9660,
-3.4060

■ 58.8260, -34.9810,
-10.3170

■ 75.5260, -7.4730,
-2.2330

■ 55.8470, -39.4740,
-11.4900

■ 78.5050, -2.9800,
-1.0600

■ 53.4550, -44.2420,
-13.1860

■ 80.8970, 1.7880,
0.6360

■ 52.5580, -46.0300,
-13.8220

■ 83.8760, 6.2810,
1.8090

■ 86.2680, 11.0490,
3.5050

■ 89.2470, 15.5420,
4.6780

■ 92.2260, 20.0350,
5.8510

Harmonies

Analogous

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



67.5310, -15.0370, -8.3250



67.1760, -21.2270, -6.2750



68.6970, -21.1360, -2.4160

Triad

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



67.1760, -21.2270, -6.2750



73.0210, 4.6750, 8.8910



70.9380, 11.7380, -3.4780

Complementary

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



67.1760, -21.2270, -6.2750



55.8240, 21.2270, 6.2750

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.



71.9110, 16.3680, 0.7200



67.1760, -21.2270, -6.2750



73.3870, 12.3320, 7.7880

Square

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



67.1760, -21.2270, -6.2750



72.1770, -4.6320, 6.8560



72.8450, 16.7340, 5.1020



70.5240, 4.0360, -7.0680

Rectangle

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



67.1760, -21.2270, -6.2750



69.9580, -17.3770, 1.0470



72.8450, 16.7340, 5.1020



71.2480, 13.8010, -2.3190

Sweetspot

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



67.1760, -21.2270, -6.2750



99.3410, -8.3900, -2.1340



64.9470, -10.8170, -18.7290



50.4230, -5.6850, -1.5970



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



67.1760, -21.2270, -6.2750



84.4240, -33.7890, -9.8930



56.6100, -16.2770, 3.1390



39.2170, -2.1090, -0.3250



68.3220, -60.1050, -17.5530



151.4790, -133.0470, -39.2470

Inverse Universe

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



57.9390, 11.1380, 18.4180



69.7970, 17.8300, 29.3020



66.3900, 16.2770, -3.1390



38.5380, 1.4210, 1.7810



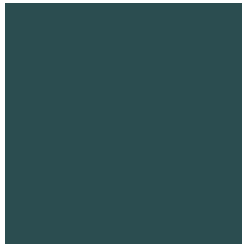
42.3390, 31.7640, 52.1160



93.6500, 69.8990, 115.4270

Previews

White Background



This preview shows how the YIQ color 67.1760, -21.2270, -6.2750 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



This preview shows how the YIQ color 67.1760, -21.2270, -6.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

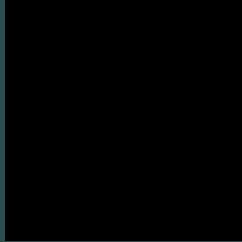
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.1760, -21.2270, -6.2750

Background



This preview shows how black text looks on a background with the YIQ color 67.1760, -21.2270, -6.2750.



This preview shows how white text looks on a background with the YIQ color 67.1760, -21.2270,

-6.2750.

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

67.1760, -21.2270, -6.2750

Protanopia

71.5700, -1.6050, 1.5550

Deuteranopia

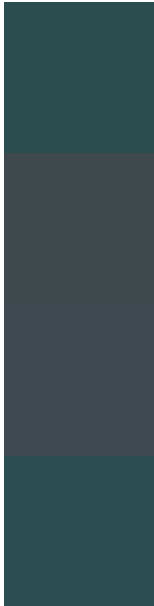
72.2650, -2.0640, 4.3680



Tritanopia

67.8170, -21.5940, -5.1300

Trichromacy



Original Color

67.1760, -21.2270, -6.2750

Protanomaly

69.8680, -8.4360, -1.3000

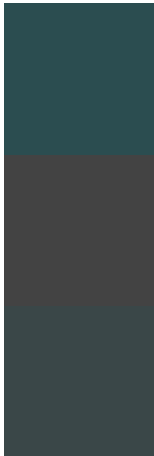
Deuteranomaly

70.6230, -9.1240, 0.1560

Tritanomaly

67.7030, -21.2730, -5.4410

Monochromacy



Original Color

67.1760, -21.2270, -6.2750

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.2270, -8.0690, -2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.1760, -21.2270, -6.2750 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(43, 77, 80)` looks like.

```
.text, #text, p{  
    color:rgb(43, 77, 80)  
}
```

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(43, 77, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 77, 80) }
```

Border

The CSS property to change the border of an element to YIQ 67.1760, -21.2270, -6.2750 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(43, 77, 80) }
```


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

```
.border{ border-color:rgb(43, 77, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 77, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 77, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 77, 80);  
box-shadow:4px 4px 4px 4px rgb(43, 77, 80)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.1760, -21.2270, -6.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 77, 80) }
```

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

```
.background{ background-color: rgb(43, 77,  
80) }
```

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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