

Converting Colors

YIQ(69.2180, -11.8770, 11.5070)

Have a look what the booklet for
YIQ(69.2180, -11.8770, 11.5070)
contains.

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Color

**YIQ(69.2180, -11.8770,
11.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	414166
RGB	65, 65, 102
RGB Percent	25%, 25%, 40%
CMY	0.7451, 0.7451, 0.6001
CMYK	0.36, 0.36, 0.00, 0.60
HSL	240°, 22%, 33%
HSV	240°, 36%, 40%
XYZ	6.4680, 5.8635, 13.3562
YIQ	69.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

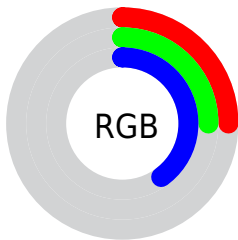
Format	Color
R_{YB}	65, 65, 102
Decimal	4276582
CIE _{Lab}	29.07, 9.88, -21.67
CIE _{LCh}	29, 23.822, 294.516
Yxy	5.8635, 0.2518, 0.2283
Android (android.graphics.Color)	4282466662 (0xFF414166)
YUV	69.2180, 16.1615, -3.6992
Hunter-Lab	24.2148, 5.3031, -15.7525

Details

The YIQ color **69.2180, -11.8770, 11.5070** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.7820, 11.8770, -11.5070**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.8590, -12.2440, 12.6520**, and **25.4520, -12.6560, 9.1040** is the 20% darker color. If you saturate the color by 10%, you get **60.3580, -15.0870, 14.6170**, and if you desaturate by 10%, it is **78.0780, -8.6670, 8.3970**.

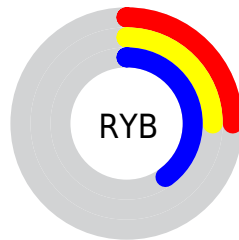
Distribution



Red (25%)

Green (25%)

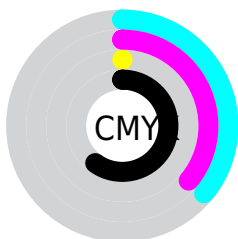
Blue (40%)



Red (25%)

Yellow (25%)

Blue (40%)

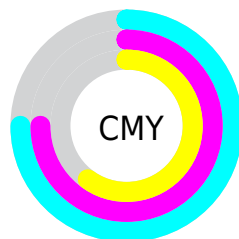


Cyan (36%)

Magenta (36%)

Yellow (0%)

Black (60%)



Cyan (75%)

Magenta (75%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2180, -11.8770, 11.5070 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 69.2180, -11.8770, 11.5070 by changing the saturation by 10% instead.

■ 69.2180, -11.8770,
11.5070

■ 69.2180, -11.8770,
11.5070

■ 255.0000, -0.0000,
-0.0000

■ 46.6910, -11.8310,
10.6730

■ 117.8590,
-12.2440, 12.6520

■ 25.4520, -12.6560,
9.1040

■ 143.3860,
-12.2900, 13.4860

■ 3.8760, -10.9140,
10.5740

■ 169.9130,
-12.3360, 14.3200

■ 0.7980, -2.2470,
2.1770

■ 197.6140,
-12.9320, 14.1080

■ 0.0000, 0.0000,
0.0000

■ 224.0010, -9.7680,
11.8320

■ 249.6950, -0.4590,

2.8130

■ 69.2180, -11.8770,
11.5070

■ 69.2180, -11.8770,
11.5070

■ 60.3580, -15.0870,
14.6170

■ 78.0780, -8.6670,
8.3970

■ 51.4980, -18.2970,
17.7270

■ 86.9380, -5.4570,
5.2870

■ 41.7520, -21.8280,
21.1480

■ 96.6840, -1.9260,
1.8660

■ 32.8920, -25.0380,
24.2580

■ 105.5440, 1.2840,
-1.2440

■ 24.0320, -28.2480,
27.3680

■ 114.4040, 4.4940,
-4.3540

■ 15.1720, -31.4580,
30.4780

■ 123.2640, 7.7040,
-7.4640

■ 11.6280, -32.7420,
31.7220

■ 132.1240, 10.9140,
-10.5740

■ 141.8700, 14.4450,
-13.9950

■ 150.7300, 17.6550,
-17.1050

Harmonies

Analogous

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



62.9160, -34.7540, 2.0940



69.2180, -11.8770, 11.5070



70.6180, 7.6080, 16.3120

Triad

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



69.2180, -11.8770, 11.5070



68.6690, 28.7930, 1.3130



56.0720, -36.0340, -18.7700

Complementary

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



69.2180, -11.8770, 11.5070



97.7820, 11.8770, -11.5070

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.



62.7130, -10.0380, -16.3260



69.2180, -11.8770, 11.5070



67.0930, 21.3670, -7.2810

Square

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



69.2180, -11.8770, 11.5070



69.2380, 28.9290, 9.8650



65.5750, 8.0260, -13.3020



55.2480, -48.0930, -14.9810

Rectangle

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



69.2180, -11.8770, 11.5070



70.5930, 17.9240, 16.5800



65.5750, 8.0260, -13.3020



58.9870, -25.4890, -17.1450

Sweetspot

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



69.2180, -11.8770, 11.5070



119.7100, -4.8150, 4.6650



90.9370, -22.0520, -7.8440



58.9120, -2.5680, 2.4880



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.



69.2180, -11.8770, 11.5070



80.7260, -18.9390, 18.3490



74.6000, -1.1490, 15.3230



46.5700, -1.6050, 1.5550



13.1100, -36.9150, 35.7650



27.5880, -77.6820, 75.2620

Inverse Universe

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



80.2810, 10.1750, 19.3510



98.3670, 16.2250, 30.8570



92.1010, 0.5530, -15.5350



48.0650, 1.3750, 2.6150



47.4950, 31.6250, 60.1450



99.9460, 66.5500, 126.5660

Previews

White Background



This preview shows how the YIQ color 69.2180, -11.8770, 11.5070 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 69.2180, -11.8770, 11.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

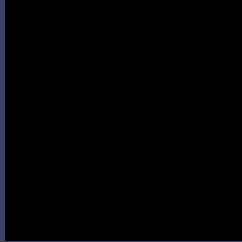
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2180, -11.8770, 11.5070

Background



This preview shows how black text looks on a background with the YIQ color 69.2180, -11.8770, 11.5070.

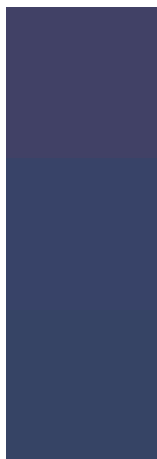


This preview shows how white text looks on a background with the YIQ color 69.2180, -11.8770,

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

69.2180, -11.8770, 11.5070

Protanopia

67.9290, -18.4330, 9.1750

Deuteranopia

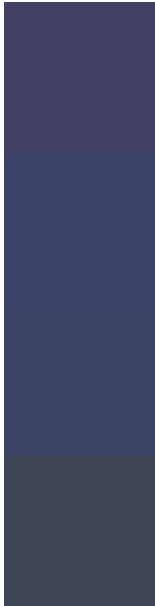
67.5760, -18.9370, 7.2950



Tritanopia

67.3950, -8.4820, -0.4660

Trichromacy



Original Color

69.2180, -11.8770, 11.5070

Protanomaly

68.1250, -16.0490, 10.0230

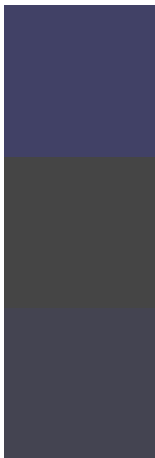
Deuteranomaly

68.1850, -16.2780, 8.6660

Tritanomaly

67.8450, -9.6290, 3.8030

Monochromacy



Original Color

69.2180, -11.8770, 11.5070

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.4820, -4.1730, 4.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2180, -11.8770, 11.5070 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(65, 65, 102)` looks like.

```
.text, #text, p{  
    color:rgb(65, 65, 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(65, 65, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 65, 102) }
```

Border

The CSS property to change the border of an element to YIQ 69.2180, -11.8770, 11.5070 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(65, 65, 102) }
```


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

```
.border{ border-color:rgb(65, 65, 102) }
```

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

Here you see how a box with a 4 pixel rgb(65, 65, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 65, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 65, 102);  
box-shadow:4px 4px 4px 4px rgb(65, 65,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 69.2180, -11.8770, 11.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 65, 102) }
```

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

```
.background{ background-color: rgb(65, 65,  
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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