

Converting Colors

YIQ(69.6570, -14.4910, 14.8290)

Have a look what the booklet for
YIQ(69.6570, -14.4910, 14.8290)
contains.

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Color

**YIQ(69.6570, -14.4910,
14.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	41406F
RGB	65, 64, 111
RGB Percent	25%, 25%, 44%
CMY	0.7451, 0.7490, 0.5648
CMYK	0.41, 0.42, 0.00, 0.56
HSL	241°, 27%, 34%
HSV	241°, 42%, 44%
XYZ	6.8818, 5.9380, 15.8155
YIQ	69.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

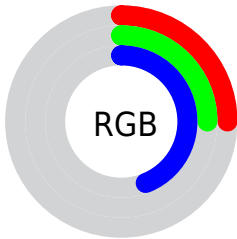
Format	Color
RYB	65, 64, 111
Decimal	4276335
CIELab	29.26, 13.33, -27.11
CIElCh	29, 30.206, 296.187
Yxy	5.9380, 0.2403, 0.2074
Android (android.graphics.Color)	4282466415 (0xFF41406F)
YUV	69.6570, 20.3821, -4.0842
Hunter-Lab	24.3681, 7.7663, -21.4230

Details

The YIQ color $[69.6570, -14.4910, 14.8290]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[105.3430, 14.4910, -14.8290]$, and the grayscale version is $[69.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[118.7110, -14.5830, 16.4970]$, and $[24.8800, -16.7370, 11.4790]$ is the 20% darker color. If you saturate the color by 10%, you get $[59.9110, -18.0220, 18.2500]$, and if you desaturate by 10%, it is $[79.4030, -10.9600, 11.4080]$.

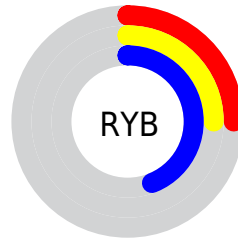
Distribution



Red (25%)

Green (25%)

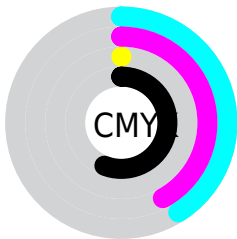
Blue (44%)



Red (25%)

Yellow (25%)

Blue (44%)

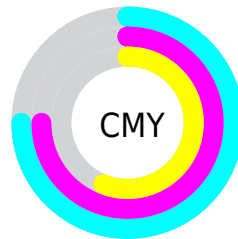


Cyan (41%)

Magenta (42%)

Yellow (0%)

Black (56%)



Cyan (75%)

Magenta (75%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.6570, -14.4910, 14.8290 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 69.6570, -14.4910, 14.8290 by changing the saturation by 10% instead.

■ 69.6570, -14.4910,
14.8290

■ 69.6570, -14.4910,
14.8290

■ 255.0000, -0.0000,
-0.0000

■ 46.7170, -14.7200,
13.4720

■ 118.7110,
-14.5830, 16.4970

■ 24.8800, -16.7370,
11.4790

■ 144.2380,
-14.6290, 17.3310

■ 4.6740, -13.1610,
12.7510

■ 170.7650,
-14.6750, 18.1650

■ 2.7530, -6.3740,
5.3860

■ 198.2920,
-14.7210, 18.9990

■ 0.0000, 0.0000,
0.0000

■ 224.0120, -8.3010,
12.7790

■ 249.7060, 1.0080,

3.7600

■ 69.6570, -14.4910,
14.8290

■ 69.6570, -14.4910,
14.8290

■ 59.9110, -18.0220,
18.2500

■ 79.4030, -10.9600,
11.4080

■ 50.1650, -21.5530,
21.6710

■ 89.1490, -7.4290,
7.9870

■ 40.4190, -25.0840,
25.0920

■ 98.8950, -3.8980,
4.5660

■ 30.9720, -28.0190,
28.7250

■ 108.3420, -0.9630,
0.9330

■ 21.2260, -31.5500,
32.1460

■ 118.0880, 2.5680,
-2.4880

■ 13.2520, -34.4390,
34.9450

■ 128.4210, 5.8240,
-6.4320

■ 138.1670, 9.3550,
-9.8530

■ 147.9130, 12.8860,
-13.2740

■ 157.6590, 16.4170,
-16.6950

Harmonies

Analogous

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



55.3740, -56.7150, -1.8910



69.6570, -14.4910, 14.8290



71.5200, 11.0000, 20.9200

Triad

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



69.6570, -14.4910, 14.8290



67.9640, 35.2120, 0.6200



54.3700, -42.8650, -21.6250

Complementary

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



69.6570, -14.4910, 14.8290



105.3430, 14.4910, -14.8290

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.



60.1420, -15.8600, -20.9480



69.6570, -14.4910, 14.8290



67.0240, 25.8150, -10.8010

Square

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



69.6570, -14.4910, 14.8290



68.5380, 36.9520, 13.1440



64.7120, 8.8980, -18.0940



57.1060, -50.5690, -14.1610

Rectangle

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



69.6570, -14.4910, 14.8290



70.2780, 23.4250, 21.5130



64.7120, 8.8980, -18.0940



53.4580, -40.2970, -24.1130

Sweetspot

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



69.6570, -14.4910, 14.8290



128.4650, -5.5030, 6.1210



96.3600, -27.7370, -9.4410



63.3680, -3.8520, 3.7320



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



69.6570, -14.4910, 14.8290



80.0340, -22.5620, 23.4380



76.5340, -0.7830, 19.7050



50.9830, -1.3300, 2.0780



14.5770, -36.7320, 37.9560



29.6530, -76.3070, 77.8770

Inverse Universe

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



83.2970, 13.2460, 24.2700



101.4480, 20.6710, 38.3910



98.4660, 0.7830, -19.7050



52.4780, 1.6500, 3.1380



49.2180, 33.9630, 61.8270



101.4410, 69.5300, 127.6260

Previews

White Background



This preview shows how the YIQ color 69.6570, -14.4910, 14.8290 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 69.6570, -14.4910, 14.8290 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 69.6570, -14.4910, 14.8290

Background



This preview shows how black text looks on a background with the YIQ color 69.6570, -14.4910, 14.8290.



This preview shows how white text looks on a background with the YIQ color 69.6570, -14.4910,

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

69.6570, -14.4910, 14.8290

Protanopia

67.2750, -25.2190, 11.0130

Deuteranopia

66.7970, -26.8690, 7.8750



Tritanopia

67.4980, -10.2700, -1.1020

Trichromacy



Original Color

69.6570, -14.4910, 14.8290

Protanomaly

68.0690, -21.6430, 12.2850

Deuteranomaly

67.7160, -22.1470, 10.4050

Tritanomaly

68.0020, -11.5090, 4.8350

Monochromacy



Original Color

69.6570, -14.4910, 14.8290

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9380, -5.4570, 5.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.6570, -14.4910, 14.8290 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, 64, 111)` looks like.

```
.text, #text, p{  
    color:rgb(65, 64, 111)  
}
```

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, 64, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 64, 111) }
```

Border

The CSS property to change the border of an element to YIQ 69.6570, -14.4910, 14.8290 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, 64, 111) }
```


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

```
.border{ border-color:rgb(65, 64, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 64, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 64, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 64, 111);  
box-shadow:4px 4px 4px 4px rgb(65, 64,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 69.6570, -14.4910, 14.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 64, 111) }
```

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

```
.background{ background-color: rgb(65, 64,  
111) }
```

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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