

Converting Colors

YIQ(68.6000, -3.4310, -42.4630)

Have a look what the booklet for
YIQ(68.6000, -3.4310, -42.4630)
contains.

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Color

**YIQ(68.6000, -3.4310,
-42.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	276100
RGB	39, 97, 0
RGB Percent	15%, 38%, 0%
CMY	0.8473, 0.6195, 0.9999
CMYK	0.60, 0.00, 1.00, 0.62
HSL	96°, 100%, 19%
HSV	96°, 100%, 38%
XYZ	5.1118, 8.9842, 1.4652
YIQ	68.6000, -3.4310, -42.4630

Conversions

Conversions Part 2

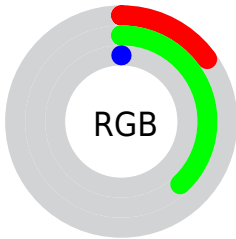
Format	Color
RYB	0, 97, 58
Decimal	2580736
CIELab	35.95, -35.21, 42.01
CIELCh	36, 54.808, 129.968
Yxy	8.9842, 0.3285, 0.5773
Android (android.graphics.Color)	4280770816 (0xFF276100)
YUV	68.6000, -33.8198, -25.9592
Hunter-Lab	29.9737, -22.0121, 18.0834

Details

The YIQ color **68.6000, -3.4310, -42.4630** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **28.4000, 3.4310, 42.4630**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.7680, -3.8440, -40.4840**, and **28.7630, -13.4750, -25.6270** is the 20% darker color. If you saturate the color by 10%, you get **68.6000, -3.4310, -42.4630**, and if you desaturate by 10%, it is **71.5340, -3.0650, -38.0810**.

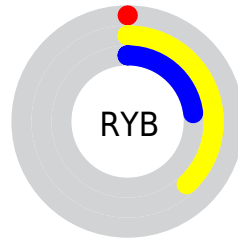
Distribution



Red (15%)

Green (38%)

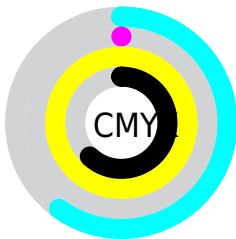
Blue (0%)



Red (0%)

Yellow (38%)

Blue (23%)

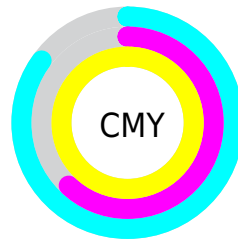


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (85%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.6000, -3.4310, -42.4630 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 68.6000, -3.4310, -42.4630 by changing the saturation by 10% instead.

68.6000, -3.4310,
-42.4630

68.6000, -3.4310,
-42.4630

253.7460, 3.5310,
-3.4210

45.2430, -15.3070,
-36.4830

120.7680, -3.8440,
-40.4840

28.7630, -13.4750,
-25.6270

147.5400, -3.2020,
-41.1060

17.0230, -7.9750,
-15.1670

175.0130, -3.1560,
-41.9400

0.0000, 0.0000,
0.0000

202.7850, -2.5140,
-42.5620

228.3230, -1.0930,
-40.7810

240.0720, 7.5240,

-26.2360

■ 250.4400, 12.8400,
-12.4400

■ 68.6000, -3.4310,
-42.4630

■ 71.5340, -3.0650,
-38.0810

■ 74.3540, -2.3780,
-34.0100

■ 76.9890, -2.6080,
-29.8400

■ 79.9230, -2.2420,
-25.4580

■ 82.8570, -1.8760,
-21.0760

■ 85.6770, -1.1890,
-17.0050

■ 88.6110, -0.8230,
-12.6230

■ 91.2460, -1.0530,
-8.4530

■ 94.0660, -0.3660,
-4.3820

Harmonies

Analogous

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



77.9790, 29.7150, -26.4210



68.6000, -3.4310, -42.4630



65.8020, -44.7420, -37.1740

Triad

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



68.6000, -3.4310, -42.4630



76.0910, -80.6030, 1.5170



73.9570, 64.5940, 40.8340

Complementary

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



68.6000, -3.4310, -42.4630



28.4000, 3.4310, 42.4630

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.



81.2440, 39.1010, 45.7970



68.6000, -3.4310, -42.4630



69.5030, -78.5870, 9.0370

Square

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



68.6000, -3.4310, -42.4630



76.4210, -73.2650, -10.3290



86.3940, -5.6000, 35.4240



77.6310, 67.4870, 15.9270

Rectangle

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



68.6000, -3.4310, -42.4630



69.9230, -54.9680, -28.0560



86.3940, -5.6000, 35.4240



75.0690, 58.5870, 45.0750

Sweetspot

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



68.6000, -3.4310, -42.4630



114.0900, -0.9140, -16.4820



62.4620, 42.1370, -9.2470



57.1920, -0.9610, -10.1210



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



68.6000, -3.4310, -42.4630



88.3250, -4.5750, -54.7750



57.8510, -29.2430, -48.2430



46.9460, 0.0920, -1.6680



79.1990, -3.9800, -49.0360



169.5840, -8.7840, -105.1680

Inverse Universe

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



28.4000, 3.4310, 42.4630



36.6750, 4.5750, 54.7750



39.1490, 29.2430, 48.2430



45.3530, 0.5040, 1.8800



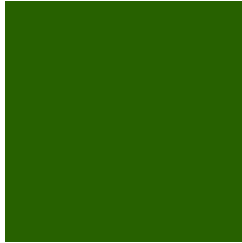
32.8010, 3.9800, 49.0360



70.4160, 8.7840, 105.1680

Previews

White Background



This preview shows how the YIQ color 68.6000, -3.4310, -42.4630 looks on a white background.

Color Contrast Check

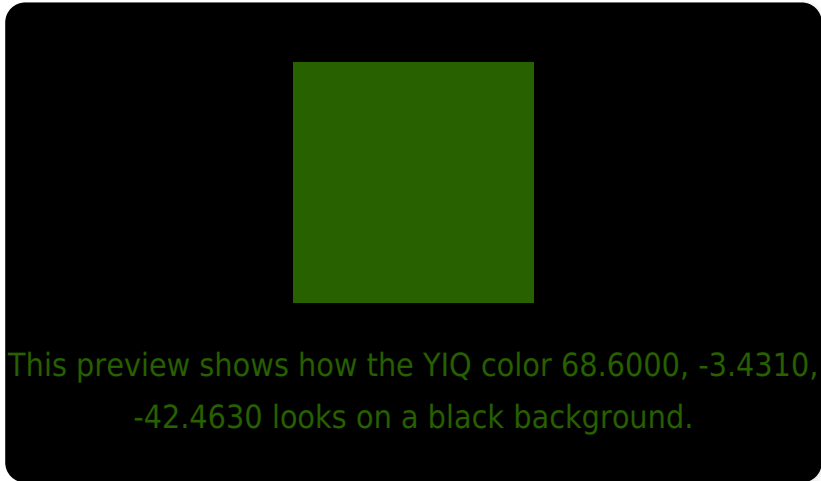
Large Text (above 18pt) WCAG AA ✓ Pass

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

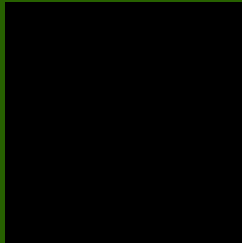
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.6000, -3.4310, -42.4630

Background



This preview shows how black text looks on a background with the YIQ color 68.6000, -3.4310, -42.4630.



This preview shows how white text looks on a background with the YIQ color 68.6000, -3.4310,

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

68.6000, -3.4310, -42.4630

Protanopia

78.3000, 33.2450, -24.3150

Deuteranopia

80.9340, 34.7560, -13.1480



Tritanopia

80.3330, -23.1070, -5.2430

Trichromacy



Original Color

68.6000, -3.4310, -42.4630

Protanomaly

74.6680, 20.2250, -30.6470

Deuteranomaly

76.4820, 21.0490, -23.5510

Tritanomaly

76.3100, -16.2730, -18.9690

Monochromacy



Original Color

68.6000, -3.4310, -42.4630

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.7310, -1.2810, -15.3370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.6000, -3.4310, -42.4630 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(39, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(39, 97, 0)  
}
```

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(39, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 97, 0) }
```

Border

The CSS property to change the border of an element to YIQ 68.6000, -3.4310, -42.4630 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(39, 97, 0) }
```


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

```
.border{ border-color:rgb(39, 97, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 97, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 97, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 97, 0); box-shadow:4px  
4px 4px 4px rgb(39, 97, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 68.6000, -3.4310, -42.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 97, 0) }
```

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

```
.background{ background-color: rgb(39, 97,  
0) }
```

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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