

Converting Colors

YIQ(115.6080, -68.9440,
-72.1440)

Have a look what the booklet for
YIQ(115.6080, -68.9440, -72.1440)
contains.

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Color

**YIQ(115.6080, -68.9440,
-72.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	05B545
RGB	5, 181, 69
RGB Percent	2%, 71%, 27%
CMY	0.9809, 0.2899, 0.7296
CMYK	0.97, 0.00, 0.62, 0.29
HSL	142°, 95%, 36%
HSV	142°, 97%, 71%
XYZ	17.6726, 33.5383, 11.1646
YIQ	115.6080, -68.9440, -72.1440

Conversions

Conversions Part 2

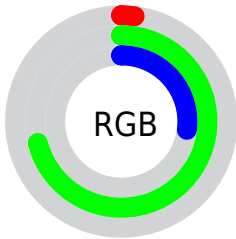
Format	Color
RYB	5, 134, 181
Decimal	374085
CIELab	64.59, -62.01, 45.35
CIELCh	65, 76.820, 143.823
Yxy	33.5383, 0.2833, 0.5377
Android (android.graphics.Color)	4278564165 (0xFF05B545)
YUV	115.6080, -22.9777, -97.0032
Hunter-Lab	57.9122, -46.8751, 29.1084

Details

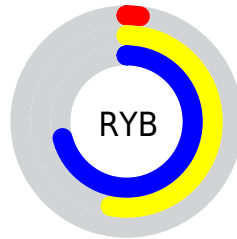
The YIQ color **115.6080, -68.9440, -72.1440** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **70.3920, 68.9440, 72.1440**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5030, -46.4790, -66.2790**, and **75.4440, -38.8230, -61.8550** is the 20% darker color. If you saturate the color by 10%, you get **113.7710, -70.9610, -74.1370**, and if you desaturate by 10%, it is **122.2440, -61.7470, -64.9070**.

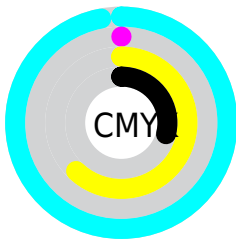
Distribution



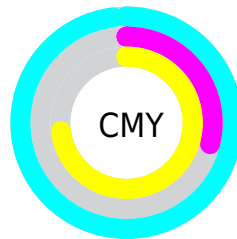
- Red (2%)
- Green (71%)
- Blue (27%)



- Red (2%)
- Yellow (53%)
- Blue (71%)



- Cyan (97%)
- Magenta (0%)
- Yellow (62%)
- Black (29%)





- Cyan (98%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.6080, -68.9440, -72.1440 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 115.6080, -68.9440, -72.1440 by changing the saturation by 10% instead.


 115.6080,
-68.9440, -72.1440


 115.6080,
-68.9440, -72.1440


 255.0000, -0.0000,
-0.0000


 94.7130, -55.8780,
-66.6460


 182.5030,
-46.4790, -66.2790


 75.4440, -38.8230,
-61.8550


 204.8290,
-41.3450, -60.2010


 58.7000, -27.5000,
-52.3000


 217.1760,
-31.5360, -45.2320

 44.0250, -20.6250,
-39.2250

 229.3380,
-22.6440, -30.1640

 30.5240, -14.3000,
-27.1960

 241.6140,
-14.0730, -14.7850

 14.6750, -6.8750,
-13.0750

 253.5050, -2.9800,

 0.0000, 0.0000,

-1.0600

0.0000

■ 115.6080,
-68.9440, -72.1440

■ 115.6080,
-68.9440, -72.1440

■ 113.7710,
-70.9610, -74.1370

■ 122.2440,
-61.7470, -64.9070

■ 128.9940,
-54.8710, -57.3590

■ 135.7440,
-47.9950, -49.8110

■ 142.3800,
-40.7980, -42.5740

■ 149.1300,
-33.9220, -35.0260

■ 156.0650,
-26.1290, -27.5770

■ 162.8150,
-19.2530, -20.0290

■ 169.4510,
-12.0560, -12.7920

■ 176.2010, -5.1800,
-5.2440

Harmonies

Analogous

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



139.5680, 33.9850, -59.7670



115.6080, -68.9440, -72.1440



125.7290, -96.3650, -54.2610

Triad

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



115.6080, -68.9440, -72.1440



128.2730, -128.3300, -9.0820



140.5720, 93.4790, 40.4790

Complementary

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



115.6080, -68.9440, -72.1440



70.3920, 68.9440, 72.1440

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.



144.8020, 73.3010, 64.7650



115.6080, -68.9440, -72.1440



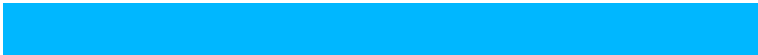
150.9620, -48.4220, 29.5460

Square

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



115.6080, -68.9440, -72.1440



136.4910, -132.1800, -16.4040



159.6780, 26.8560, 63.9760



149.0920, 102.1970, 3.6130

Rectangle

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



115.6080, -68.9440, -72.1440



131.7880, -112.0480, -39.8560



159.6780, 26.8560, 63.9760



138.9710, 88.3420, 50.9820

Sweetspot

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



115.6080, -68.9440, -72.1440



209.6520, -26.4040, -28.1000



142.3980, 19.5440, -67.8800



101.7770, -16.0900, -16.7780



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



115.6080, -68.9440, -72.1440



147.6350, -91.9100, -96.4700



125.4120, -96.5500, -45.3980



88.6250, -3.4380, -3.7740



98.0700, -61.1970, -63.8610



17.5760, -10.9100, -11.5340

Inverse Universe

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



70.3920, 68.9440, 72.1440



87.2510, 92.2310, 96.1590



60.5880, 96.5500, 45.3980



86.2610, 3.7590, 3.4630



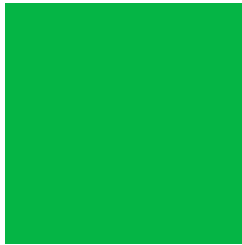
57.9300, 61.1970, 63.8610



10.4240, 10.9100, 11.5340

Previews

White Background



This preview shows how the YIQ color 115.6080, -68.9440, -72.1440 looks on a white 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

Black Background



This preview shows how the YIQ color 115.6080, -68.9440, -72.1440 looks on a black 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

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

YIQ 115.6080, -68.9440, -72.1440 Background



This preview shows how black text looks on a background with the YIQ color 115.6080, -68.9440, -72.1440.



This preview shows how white text looks on a background with the YIQ color 115.6080, -68.9440, -72.1440.

-72.1440.

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

115.6080, -68.9440, -72.1440

Protanopia

150.3670, 40.3060, -25.6300

Deuteranopia

152.9910, 47.7770, -12.3430



Tritanopia

142.1800, -62.5810, -16.7330

Trichromacy



Original Color

115.6080, -68.9440, -72.1440



Protanomaly

137.7530, 0.5120, -42.3360



Deuteranomaly

139.2470, 5.2330, -34.2790



Tritanomaly

132.6780, -64.8240, -36.6640

Monochromacy



Original Color

115.6080, -68.9440, -72.1440



Achromatopsia

116.0000, -0.0000, 0.0000



Achromatomaly

116.1900, -24.9830, -26.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6080, -68.9440, -72.1440 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(5, 181, 69)` looks like.

```
.text, #text, p{  
    color:rgb(5, 181, 69)  
}
```

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(5, 181, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 181, 69) }
```

Border

The CSS property to change the border of an element to YIQ 115.6080, -68.9440, -72.1440 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(5, 181, 69) }
```


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

```
.border{ border-color:rgb(5, 181, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 181, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 181, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 181, 69);  
box-shadow:4px 4px 4px 4px rgb(5, 181, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 115.6080, -68.9440, -72.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 181, 69) }
```

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

```
.background{ background-color: rgb(5, 181,  
69) }
```

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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