

Converting Colors

YIQ(165.2490, -16.5850,
-68.4010)

Have a look what the booklet for
YIQ(165.2490, -16.5850, -68.4010)
contains.

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Color

**YIQ(165.2490, -16.5850,
-68.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD643
RGB	107, 214, 67
RGB Percent	42%, 84%, 26%
CMY	0.5807, 0.1606, 0.7372
CMYK	0.50, 0.00, 0.69, 0.16
HSL	104°, 64%, 55%
HSV	104°, 69%, 84%
XYZ	31.1241, 51.6414, 13.6395
YIQ	165.2490, -16.5850, -68.4010

Conversions

Conversions Part 2

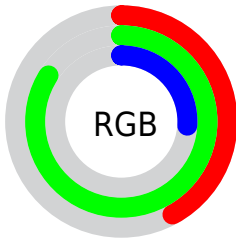
Format	Color
RYB	67, 214, 174
Decimal	7067203
CIELab	77.07, -56.51, 60.39
CIELCh	77, 82.707, 133.102
Yxy	51.6414, 0.3228, 0.5357
Android (android.graphics.Color)	4285257283 (0xFF6BD643)
YUV	165.2490, -48.4368, -51.0844
Hunter-Lab	71.8620, -48.4483, 39.0501

Details

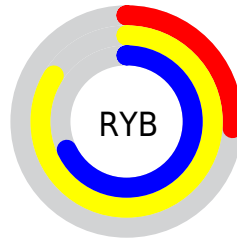
The YIQ color **165.2490, -16.5850, -68.4010** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **115.7510, 16.5850, 68.4010**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2270, -10.3510, -60.2310**, and **105.0050, -19.0140, -73.9420** is the 20% darker color. If you saturate the color by 10%, you get **158.0710, -19.3800, -78.3240**, and if you desaturate by 10%, it is **172.4270, -13.7900, -58.4780**.

Distribution



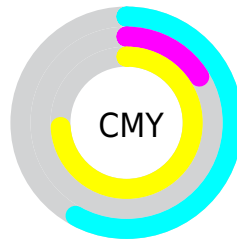
- Red (42%)
- Green (84%)
- Blue (26%)



- Red (26%)
- Yellow (84%)
- Blue (68%)



- Cyan (50%)
- Magenta (0%)
- Yellow (69%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.2490, -16.5850, -68.4010 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 165.2490, -16.5850, -68.4010 by changing the saturation by 10% instead.

■ 165.2490,
-16.5850, -68.4010

■ 165.2490,
-16.5850, -68.4010

■ 255.0000, -0.0000,
-0.0000

■ 136.1240,
-17.7310, -69.6590

■ 213.2270,
-10.3510, -60.2310

■ 105.0050,
-19.0140, -73.9420

■ 225.3890, -1.4590,
-45.1630

■ 76.8970, -36.0250,
-68.5130

■ 237.5510, 7.4330,
-30.0950

■ 61.6350, -28.8750,
-54.9150

■ 249.5280, 15.4080,
-14.9280

■ 46.9600, -22.0000,
-41.8400

■ 252.8340, 6.0990,
-5.9090

■ 32.8720, -15.4000,
-29.2880

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 165.2490,
-16.5850, -68.4010

■ 165.2490,
-16.5850, -68.4010

■ 158.0710,
-19.3800, -78.3240

■ 172.4270,
-13.7900, -58.4780

■ 151.0780,
-21.2580, -88.3460

■ 179.4200,
-11.9120, -48.4560

■ 143.9000,
-24.0530, -98.2690


■ 186.5980, -9.1170,
-38.5330


■ 142.9600,
-24.2820, -99.6260


■ 193.5910, -7.2390,
-28.5110

■ 200.7690, -4.4440,
-18.5880

 207.6480, -2.2450,
-8.8770

 214.9400, 0.2290,
1.3570

 222.1180, 3.0240,
11.2800

 228.5410, 6.5070,
19.7470

Harmonies

Analogous

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



174.2430, 62.6410, -61.4790



165.2490, -16.5850, -68.4010



147.2030, -107.2280, -72.1560

Triad

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



165.2490, -16.5850, -68.4010



152.9270, -139.8800, -31.0480



160.2290, 69.8200, 45.2440

Complementary

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



165.2490, -16.5850, -68.4010



115.7510, 16.5850, 68.4010

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.



173.7030, 42.9030, 65.0070



165.2490, -16.5850, -68.4010



163.3460, -85.8750, -2.0590

Square

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



165.2490, -16.5850, -68.4010



159.9710, -143.1800, -37.3240



190.0320, 16.4510, 48.7950



166.6960, 86.0570, 9.7770

Rectangle

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



165.2490, -16.5850, -68.4010



154.4190, -124.7910, -56.7190



190.0320, 16.4510, 48.7950



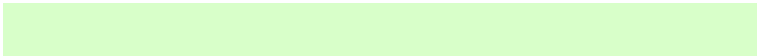
162.0190, 62.0240, 54.3760

Sweetspot

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



165.2490, -16.5850, -68.4010



237.1830, -5.9100, -25.0620



172.5880, 58.7370, -23.7510



117.1760, -4.0320, -15.0400



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



165.2490, -16.5850, -68.4010



185.7260, -23.5030, -97.2230



156.9370, -50.6970, -66.9290



103.3540, -1.2370, -5.1170



114.1310, -19.6090, -79.6810



28.8290, -4.6730, -19.9450

Inverse Universe

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



115.7510, 16.5850, 68.4010



115.2740, 23.5030, 97.2230



124.0630, 50.6970, 66.9290



99.6460, 1.2370, 5.1170



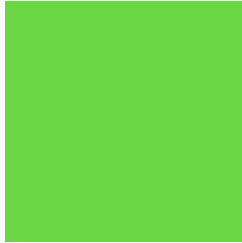
56.5700, 19.0130, 79.4690



14.4700, 5.2690, 20.1570

Previews

White Background



This preview shows how the YIQ color 165.2490, -16.5850, -68.4010 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 165.2490, -16.5850, -68.4010 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 165.2490, -16.5850, -68.4010 Background



This preview shows how black text looks on a background with the YIQ color 165.2490, -16.5850, -68.4010.



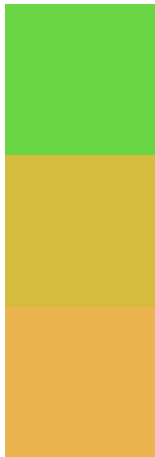
This preview shows how white text looks on a background with the YIQ color 165.2490, -16.5850, -68.4010.

-68.4010.

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

165.2490, -16.5850, -68.4010

Protanopia

181.1710, 55.1170, -35.2430

Deuteranopia

184.9310, 65.2010, -19.7510



Tritanopia

182.0900, -44.4720, -9.0160

Trichromacy



Original Color

165.2490, -16.5850, -68.4010



Protanomaly

175.4340, 29.0310, -47.0730



Deuteranomaly

177.4660, 35.1730, -37.2350



Tritanomaly

175.8790, -34.4730, -30.5450

Monochromacy



Original Color

165.2490, -16.5850, -68.4010



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.1830, -5.9100, -25.0620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.2490, -16.5850, -68.4010 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(107, 214, 67)` looks like.

```
.text, #text, p{  
    color:rgb(107, 214, 67)  
}
```

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(107, 214, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 214, 67) }
```

Border

The CSS property to change the border of an element to YIQ 165.2490, -16.5850, -68.4010 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(107, 214, 67) }
```


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

```
.border{ border-color:rgb(107, 214, 67) }
```

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

Here you see how a box with a 4 pixel rgb(107, 214, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 214, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 214, 67);  
box-shadow:4px 4px 4px 4px rgb(107, 214,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 165.2490, -16.5850, -68.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 214, 67) }
```

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

```
.background{ background-color: rgb(107,  
214, 67) }
```

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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