

Converting Colors

YIQ(165.6460, -1.0450,
-52.6690)

Have a look what the booklet for
YIQ(165.6460, -1.0450, -52.6690)
contains.

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Color

**YIQ(165.6460, -1.0450,
-52.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	84C84D
RGB	132, 200, 77
RGB Percent	52%, 78%, 30%
CMY	0.4826, 0.2156, 0.6979
CMYK	0.34, 0.00, 0.61, 0.22
HSL	93°, 53%, 54%
HSV	93°, 61%, 78%
XYZ	31.5074, 46.7584, 14.3901
YIQ	165.6460, -1.0450, -52.6690

Conversions

Conversions Part 2

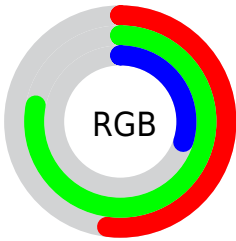
Format	Color
RYB	77, 200, 145
Decimal	8702029
CIELab	74.03, -42.04, 53.36
CIELCh	74, 67.930, 128.234
Yxy	46.7584, 0.3400, 0.5046
Android (android.graphics.Color)	4286892109 (0xFF84C84D)
YUV	165.6460, -43.7025, -29.5075
Hunter-Lab	68.3801, -37.4181, 35.3889

Details

The YIQ color **165.6460, -1.0450, -52.6690** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **111.3540, 1.0450, 52.6690**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0160, 0.7890, -52.8670**, and **110.3040, -0.0820, -53.6020** is the 20% darker color. If you saturate the color by 10%, you get **160.0770, -1.1810, -61.2210**, and if you desaturate by 10%, it is **171.2150, -0.9090, -44.1170**.

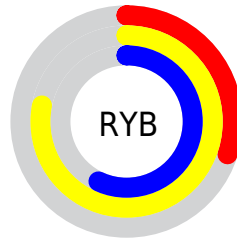
Distribution



Red (52%)

Green (78%)

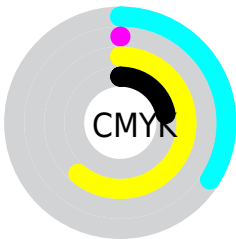
Blue (30%)



Red (30%)

Yellow (78%)

Blue (57%)

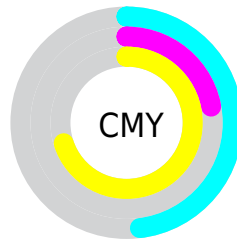


Cyan (34%)

Magenta (0%)

Yellow (61%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.6460, -1.0450, -52.6690 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 165.6460, -1.0450, -52.6690 by changing the saturation by 10% instead.

■ 165.6460, -1.0450,
-52.6690

■ 165.6460, -1.0450,
-52.6690

■ 255.0000, -0.0000,
-0.0000

■ 137.7600, -1.3660,
-52.3580

■ 221.0160, 0.7890,
-52.8670

■ 110.5920, -0.9530,
-54.3370

■ 232.8790, 9.0850,
-38.0110

■ 84.2050, -4.1170,
-52.0610

■ 244.7420, 17.3810,
-23.1550

■ 58.7660, -18.6980,
-46.6180

■ 250.3260, 13.1610,
-12.7510

■ 41.0900, -19.2500,
-36.6100

■ 253.6320, 3.8520,
-3.7320

■ 27.5890, -12.9250,
-24.5810

■ 13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 165.6460, -1.0450,
-52.6690

■ 165.6460, -1.0450,
-52.6690

■ 160.0770, -1.1810,
-61.2210

■ 171.2150, -0.9090,
-44.1170

■ 154.5080, -1.3170,
-69.7730

■ 176.7840, -0.7730,
-35.5650

■ 148.9390, -1.4530,
-78.3250

■ 182.3530, -0.6370,
-27.0130

■ 144.0110, -1.9560,
-85.7320

■ 187.9220, -0.5010,
-18.4610

■ 193.4910, -0.3650,
-9.9090

■ 199.0600, -0.2290,
-1.3570

■ 204.6290, -0.0930,
7.1950

■ 210.4970, 0.6390,
15.9590

■ 215.8380, 1.4170,
23.8890

Harmonies

Analogous

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



172.5250, 53.8800, -40.3600



165.6460, -1.0450, -52.6690



137.8450, -100.1680, -67.9440

Triad

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



165.6460, -1.0450, -52.6690



147.0570, -137.1300, -25.8180



167.4840, 64.5480, 41.6680

Complementary

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



165.6460, -1.0450, -52.6690



111.3540, 1.0450, 52.6690

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.



180.5360, 41.5750, 56.0310



165.6460, -1.0450, -52.6690



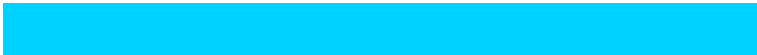
161.0090, -83.3080, 0.9800

Square

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



165.6460, -1.0450, -52.6690



152.3400, -139.6050, -30.5250



183.7090, -1.9330, 40.5550



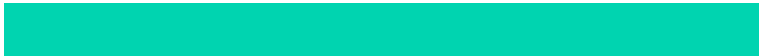
168.9760, 79.6370, 15.9970

Rectangle

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



165.6460, -1.0450, -52.6690



144.5080, -114.7960, -56.1400



183.7090, -1.9330, 40.5550



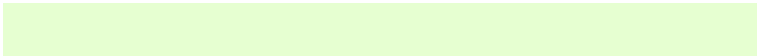
170.4650, 57.5320, 47.6760

Sweetspot

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



165.6460, -1.0450, -52.6690



242.2810, -0.1340, -19.6060



153.6930, 54.6080, -9.4880



119.9100, -0.2270, -12.4110



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.



165.6460, -1.0450, -52.6690



202.3580, -1.3150, -80.8270



149.8850, -35.7510, -62.4630



96.4790, -0.0910, -3.8590



117.5080, -1.3170, -69.7730



25.9160, -0.3640, -15.4360

Inverse Universe

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



111.3540, 1.0450, 52.6690



118.9410, 1.9110, 81.0390



127.1150, 35.7510, 62.4630



92.5210, 0.0910, 3.8590



45.4920, 1.3170, 69.7730



10.0840, 0.3640, 15.4360

Previews

White Background



This preview shows how the YIQ color 165.6460, -1.0450, -52.6690 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 165.6460, -1.0450, -52.6690 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 165.6460, -1.0450, -52.6690

Background



This preview shows how black text looks on a background with the YIQ color 165.6460, -1.0450, -52.6690.



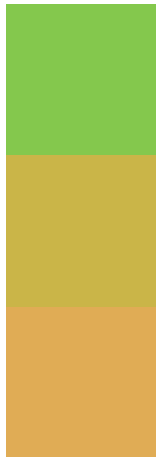
This preview shows how white text looks on a background with the YIQ color 165.6460, -1.0450,

-52.6690.

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

165.6460, -1.0450, -52.6690

Protanopia

174.8530, 47.5050, -29.4470

Deuteranopia

177.6300, 58.9190, -16.0330



Tritanopia

177.6470, -26.8670, -3.1790

Trichromacy



Original Color

165.6460, -1.0450, -52.6690

Protanomaly

171.7150, 30.0380, -37.7860

Deuteranomaly

173.2910, 37.4640, -29.1920

Tritanomaly

173.3590, -17.9690, -21.2730

Monochromacy



Original Color

165.6460, -1.0450, -52.6690

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.8080, -0.1800, -18.7720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.6460, -1.0450, -52.6690 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(132, 200, 77)` looks like.

```
.text, #text, p{  
    color:rgb(132, 200, 77)  
}
```

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(132, 200, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 200, 77) }
```

Border

The CSS property to change the border of an element to YIQ 165.6460, -1.0450, -52.6690 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(132, 200, 77) }
```


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

```
.border{ border-color:rgb(132, 200, 77) }
```

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

Here you see how a box with a 4 pixel rgb(132, 200, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 200, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 200, 77);  
box-shadow:4px 4px 4px 4px rgb(132, 200,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 165.6460, -1.0450, -52.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 200, 77) }
```

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

```
.background{ background-color: rgb(132,  
200, 77) }
```

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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