

Converting Colors

YIQ(166.5990, 6.3370, -54.2950)

Have a look what the booklet for
YIQ(166.5990, 6.3370, -54.2950)
contains.

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Color

**YIQ(166.5990, 6.3370,
-54.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC843
RGB	139, 200, 67
RGB Percent	55%, 78%, 26%
CMY	0.4551, 0.2156, 0.7371
CMYK	0.31, 0.00, 0.66, 0.22
HSL	88°, 55%, 52%
HSV	88°, 66%, 78%
XYZ	32.3120, 47.2099, 12.7247
YIQ	166.5990, 6.3370, -54.2950

Conversions

Conversions Part 2

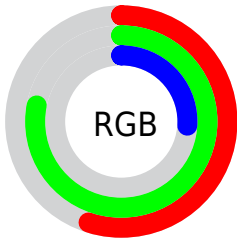
Format	Color
RYB	67, 200, 128
Decimal	9160771
CIELab	74.32, -40.36, 57.95
CIELCh	74, 70.621, 124.859
Yxy	47.2099, 0.3503, 0.5118
Android (android.graphics.Color)	4287350851 (0xFF8BC843)
YUV	166.5990, -49.1023, -24.2043
Hunter-Lab	68.7094, -36.2983, 37.1163

Details

The YIQ color **166.5990, 6.3370, -54.2950** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **100.4010, -6.3370, 54.2950**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.0830, 7.8500, -54.1820**, and **110.5190, 9.3180, -58.7620** is the 20% darker color. If you saturate the color by 10%, you get **161.6280, 7.3930, -62.4230**, and if you desaturate by 10%, it is **171.5700, 5.2810, -46.1670**.

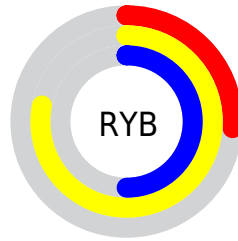
Distribution



Red (55%)

Green (78%)

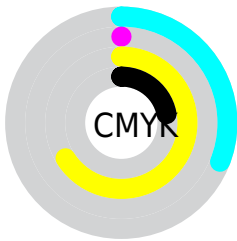
Blue (26%)



Red (26%)

Yellow (78%)

Blue (50%)

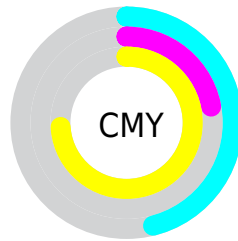


Cyan (31%)

Magenta (0%)

Yellow (66%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.5990, 6.3370, -54.2950 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 166.5990, 6.3370, -54.2950 by changing the saturation by 10% instead.

■ 166.5990, 6.3370,
-54.2950

■ 166.5990, 6.3370,
-54.2950

■ 255.0000, -0.0000,
-0.0000

■ 138.4850, 6.6580,
-54.6060

■ 222.0830, 7.8500,
-54.1820

■ 110.5190, 9.3180,
-58.7620

■ 233.9460, 16.1460,
-39.3260

■ 86.8850, -0.2200,
-51.1000

■ 246.1080, 25.0380,
-24.2580

■ 62.6530, -10.9500,
-43.8620

■ 249.3000, 16.0500,
-15.5500

■ 41.0900, -19.2500,
-36.6100

■ 252.6060, 6.7410,
-6.5310

■ 27.5890, -12.9250,
-24.5810

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 166.5990, 6.3370,
-54.2950

■ 166.5990, 6.3370,
-54.2950

■ 161.6280, 7.3930,
-62.4230

■ 171.5700, 5.2810,
-46.1670

■ 156.6570, 8.4490,
-70.5510

■ 176.5410, 4.2250,
-38.0390

■ 151.3870, 8.9090,
-78.8910

■ 181.8110, 3.7650,
-29.6990

■ 149.6920, 9.3680,
-81.7040

■ 186.7820, 2.7090,
-21.5710

■ 191.7530, 1.6530,
-13.4430

■ 196.7240, 0.5970,
-5.3150

■ 201.6950, -0.4590,
2.8130

■ 206.6660, -1.5150,
10.9410

■ 211.9360, -1.9750,
19.2810

Harmonies

Analogous

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



173.0050, 61.2160, -41.1520



166.5990, 6.3370, -54.2950



137.5200, -97.8750, -70.9550

Triad

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



166.5990, 6.3370, -54.2950



148.8180, -137.9550, -27.3870



166.6350, 62.8050, 45.7250

Complementary

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



166.5990, 6.3370, -54.2950



100.4010, -6.3370, 54.2950

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.



181.5620, 38.6860, 58.8300



166.5990, 6.3370, -54.2950



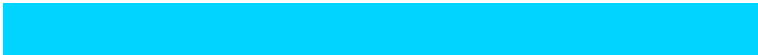
147.5100, -115.9960, -12.3480

Square

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



166.5990, 6.3370, -54.2950



153.5140, -140.1550, -31.5710



182.7790, -8.1220, 37.0780



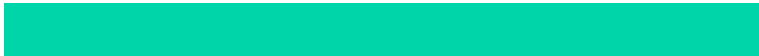
167.0840, 79.4530, 19.3330

Rectangle

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



166.5990, 6.3370, -54.2950



144.2970, -112.8240, -58.8400



182.7790, -8.1220, 37.0780



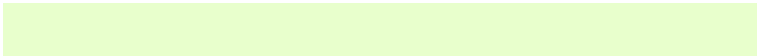
170.3170, 55.1930, 51.5210

Sweetspot

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



166.5990, 6.3370, -54.2950



242.3090, 2.6630, -20.7370



141.9870, 62.7680, -3.1840



119.9810, 1.0110, -12.8210



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.



166.5990, 6.3370, -54.2950



203.6380, 9.4600, -83.3720



147.1640, -32.4030, -68.0750



96.7780, 0.5050, -3.6470



121.9930, 7.6230, -66.5930



26.8130, 1.4240, -14.8000

Inverse Universe

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



100.4010, -6.3370, 54.2950



102.3620, -9.4600, 83.3720



119.8360, 32.4030, 68.0750



92.2220, -0.5050, 3.6470



41.0070, -7.6230, 66.5930



8.8880, -2.0200, 14.5880

Previews

White Background



This preview shows how the YIQ color 166.5990, 6.3370, -54.2950 looks on a white background.

Color Contrast Check

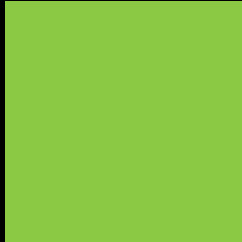
Large Text (above 18pt) WCAG AA × Fail

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 166.5990, 6.3370, -54.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

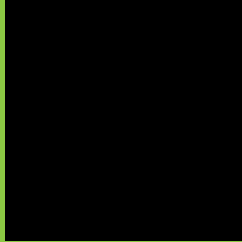
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.5990, 6.3370, -54.2950

Background



This preview shows how black text looks on a background with the YIQ color 166.5990, 6.3370, -54.2950.



This preview shows how white text looks on a background with the YIQ color 166.5990, 6.3370, -54.2950.

-54.2950.

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

166.5990, 6.3370, -54.2950

Protanopia

174.8980, 51.6320, -32.6560

Deuteranopia

177.7890, 62.7250, -18.9310



Tritanopia

179.7400, -22.6950, -1.6950

Trichromacy



Original Color

166.5990, 6.3370, -54.2950

Protanomaly

172.0590, 34.7610, -40.7830

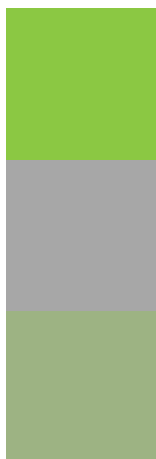
Deuteranomaly

173.7490, 41.8660, -31.8780

Tritanomaly

174.9960, -12.5130, -21.0330

Monochromacy



Original Color

166.5990, 6.3370, -54.2950

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.9500, 2.2960, -19.5920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.5990, 6.3370, -54.2950 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(139, 200, 67)` looks like.

```
.text, #text, p{  
    color:rgb(139, 200, 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(139, 200, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 200, 67) }
```

Border

The CSS property to change the border of an element to YIQ 166.5990, 6.3370, -54.2950 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(139, 200, 67) }
```


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

```
.border{ border-color:rgb(139, 200, 67) }
```

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

Here you see how a box with a 4 pixel rgb(139, 200, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 200, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 200, 67);  
box-shadow:4px 4px 4px 4px rgb(139, 200,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5990, 6.3370, -54.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 200, 67) }
```

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

```
.background{ background-color: rgb(139,  
200, 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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