

Converting Colors

YIQ(166.5390, 6.5660, -52.9380)

Have a look what the booklet for
YIQ(166.5390, 6.5660, -52.9380)
contains.

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Color

**YIQ(166.5390, 6.5660,
-52.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC745
RGB	140, 199, 69
RGB Percent	55%, 78%, 27%
CMY	0.4512, 0.2195, 0.7293
CMYK	0.30, 0.00, 0.65, 0.22
HSL	87°, 54%, 53%
HSV	87°, 65%, 78%
XYZ	32.3099, 46.8587, 12.9772
YIQ	166.5390, 6.5660, -52.9380

Conversions

Conversions Part 2

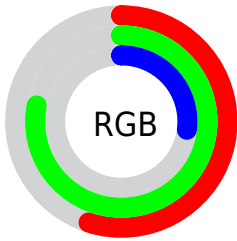
Format	Color
RYB	69, 199, 128
Decimal	9226053
CIELab	74.10, -39.40, 56.92
CIELCh	74, 69.228, 124.694
Yxy	46.8587, 0.3506, 0.5085
Android (android.graphics.Color)	4287416133 (0xFF8CC745)
YUV	166.5390, -48.0867, -23.2747
Hunter-Lab	68.4534, -35.5417, 36.6774

Details

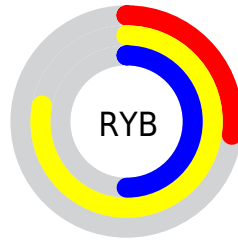
The YIQ color **166.5390, 6.5660, -52.9380** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **101.4610, -6.5660, 52.9380**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.6100, 7.8040, -53.3480**, and **110.6440, 10.4640, -57.5040** is the 20% darker color. If you saturate the color by 10%, you get **161.5680, 7.6220, -61.0660**, and if you desaturate by 10%, it is **171.5100, 5.5100, -44.8100**.

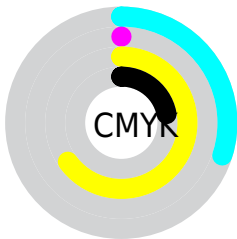
Distribution



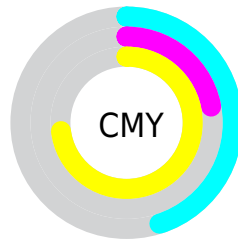
- Red (55%)
- Green (78%)
- Blue (27%)



- Red (27%)
- Yellow (78%)
- Blue (50%)



- Cyan (30%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.5390, 6.5660, -52.9380 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 166.5390, 6.5660, -52.9380 by changing the saturation by 10% instead.

■ 166.5390, 6.5660,
-52.9380

■ 166.5390, 6.5660,
-52.9380

■ 255.0000, -0.0000,
-0.0000

■ 138.5390, 6.5660,
-52.9380

■ 222.6100, 7.8040,
-53.3480

■ 110.6440, 10.4640,
-57.5040

■ 234.3590, 16.4210,
-38.8030

■ 86.8960, 1.2470,
-50.1530

■ 246.2220, 24.7170,
-23.9470

■ 62.6640, -9.4830,
-42.9150

■ 249.5280, 15.4080,
-14.9280

■ 40.5030, -18.9750,
-36.0870

■ 252.8340, 6.0990,
-5.9090

■ 27.0020, -12.6500,
-24.0580

■ 13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 166.5390, 6.5660,
-52.9380

■ 166.5390, 6.5660,
-52.9380

■ 161.5680, 7.6220,
-61.0660

■ 171.5100, 5.5100,
-44.8100

■ 156.5970, 8.6780,
-69.1940

■ 176.4810, 4.4540,
-36.6820

■ 151.6260, 9.7340,
-77.3220

■ 181.4520, 3.3980,
-28.5540

■ 149.4040, 10.2390,
-80.9690

■ 186.4230, 2.3420,
-20.4260

■ 191.3940, 1.2860,
-12.2980

■ 196.2510, 0.5510,
-4.4810

■ 201.2220, -0.5050,
3.6470

■ 206.1930, -1.5610,
11.7750

■ 211.1640, -2.6170,
19.9030

Harmonies

Analogous

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



172.9880, 59.8860, -39.0740



166.5390, 6.5660, -52.9380



136.9330, -97.6000, -70.4320

Triad

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



166.5390, 6.5660, -52.9380



148.2310, -137.6800, -26.8640



167.8090, 62.2550, 44.6790

Complementary

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



166.5390, 6.5660, -52.9380



101.4610, -6.5660, 52.9380

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.



182.0350, 38.7320, 57.9960



166.5390, 6.5660, -52.9380



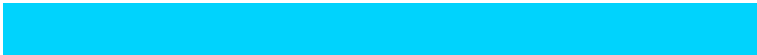
150.2120, -109.1650, -9.4930

Square

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



166.5390, 6.5660, -52.9380



152.6990, -139.2380, -31.6700



182.4800, -8.7180, 36.8660



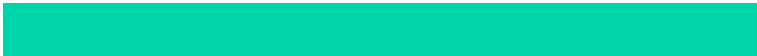
167.7850, 78.8570, 19.1210

Rectangle

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



166.5390, 6.5660, -52.9380



143.5960, -112.2280, -58.6280



182.4800, -8.7180, 36.8660



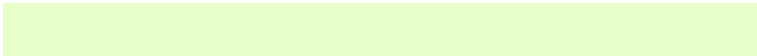
170.7900, 55.2390, 50.6870

Sweetspot

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



166.5390, 6.5660, -52.9380



242.3090, 2.6630, -20.7370



142.5030, 61.2550, -3.2970



120.2800, 1.6070, -12.6090



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.



166.5390, 6.5660, -52.9380



205.4040, 10.2390, -80.9690



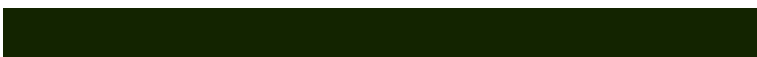
147.4030, -31.5780, -66.5060



96.7780, 0.5050, -3.6470



122.2920, 8.2190, -66.3810



26.8130, 1.4240, -14.8000

Inverse Universe

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



101.4610, -6.5660, 52.9380



105.8950, -9.6430, 81.1810



120.8960, 32.1740, 66.7180



92.2220, -0.5050, 3.6470



40.7080, -8.2190, 66.3810



8.8880, -2.0200, 14.5880

Previews

White Background



This preview shows how the YIQ color 166.5390, 6.5660, -52.9380 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 166.5390, 6.5660, -52.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

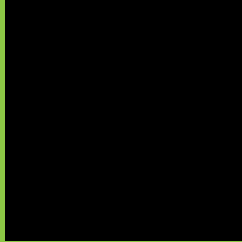
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.5390, 6.5660, -52.9380

Background



This preview shows how black text looks on a background with the YIQ color 166.5390, 6.5660, -52.9380.



This preview shows how white text looks on a background with the YIQ color 166.5390, 6.5660,

-52.9380.

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

166.5390, 6.5660, -52.9380

Protanopia

174.8270, 50.3940, -32.2460

Deuteranopia

177.7180, 61.4870, -18.5210



Tritanopia

179.3380, -21.5030, -1.2710

Trichromacy



Original Color

166.5390, 6.5660, -52.9380

Protanomaly

171.7000, 34.3940, -39.6380

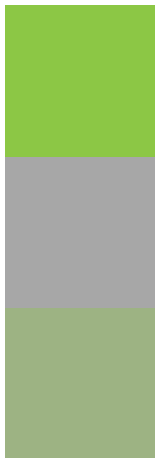
Deuteranomaly

173.3900, 41.4990, -30.7330

Tritanomaly

174.7080, -11.6420, -20.2980

Monochromacy



Original Color

166.5390, 6.5660, -52.9380

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 166.5390, 6.5660, -52.9380 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(140, 199, 69)` looks like.

```
.text, #text, p{  
    color:rgb(140, 199, 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(140, 199, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 199, 69) }
```

Border

The CSS property to change the border of an element to YIQ 166.5390, 6.5660, -52.9380 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(140, 199, 69) }
```


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

```
.border{ border-color:rgb(140, 199, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 199, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 199, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 199, 69);  
box-shadow:4px 4px 4px 4px rgb(140, 199,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5390, 6.5660, -52.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 199, 69) }
```

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

```
.background{ background-color: rgb(140,  
199, 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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