

Converting Colors

YIQ(159.8000, 1.1570, -59.5390)

Have a look what the booklet for
YIQ(159.8000, 1.1570, -59.5390)
contains.

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Color

**YIQ(159.8000, 1.1570,
-59.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC639
RGB	124, 198, 57
RGB Percent	49%, 78%, 22%
CMY	0.5140, 0.2234, 0.7763
CMYK	0.37, 0.00, 0.71, 0.22
HSL	92°, 55%, 50%
HSV	92°, 71%, 78%
XYZ	29.2428, 44.9780, 11.0151
YIQ	159.8000, 1.1570, -59.5390

Conversions

Conversions Part 2

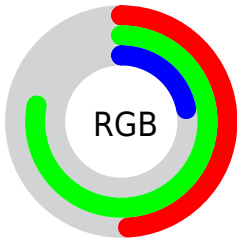
Format	Color
RYB	57, 198, 131
Decimal	8177209
CIELab	72.88, -45.55, 60.05
CIELCh	73, 75.367, 127.182
Yxy	44.9780, 0.3431, 0.5277
Android (android.graphics.Color)	4286367289 (0xFF7CC639)
YUV	159.8000, -50.6804, -31.3966
Hunter-Lab	67.0656, -39.5330, 37.2080

Details

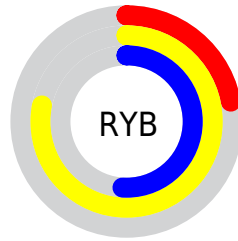
The YIQ color **159.8000, 1.1570, -59.5390** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **95.2000, -1.1570, 59.5390**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **216.5720, 1.7990, -60.1610**, and **103.9740, 0.6070, -60.5850** is the 20% darker color. If you saturate the color by 10%, you get **154.5300, 1.6170, -67.8790**, and if you desaturate by 10%, it is **165.0700, 0.6970, -51.1990**.

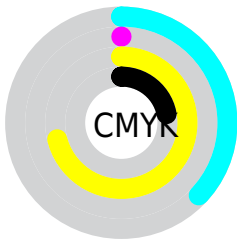
Distribution



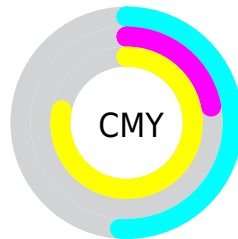
- Red (49%)
- Green (78%)
- Blue (22%)



- Red (22%)
- Yellow (78%)
- Blue (51%)



- Cyan (37%)
- Magenta (0%)
- Yellow (71%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.8000, 1.1570, -59.5390 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 159.8000, 1.1570, -59.5390 by changing the saturation by 10% instead.

■ 159.8000, 1.1570,
-59.5390

■ 159.8000, 1.1570,
-59.5390

■ 255.0000, -0.0000,
-0.0000

■ 131.3440, 2.4410,
-60.7830

■ 216.5720, 1.7990,
-60.1610

■ 104.5610, 0.3320,
-61.1080

■ 228.4350, 10.0950,
-45.3050

■ 79.1440, -11.3150,
-53.7710

■ 240.5970, 18.9870,
-30.2370

■ 54.0040, -25.3000,
-48.1160

■ 248.2740, 18.9390,
-18.3490

■ 39.9160, -18.7000,
-35.5640

■ 251.5800, 9.6300,
-9.3300

■ 26.4150, -12.3750,
-23.5350

■ 254.8860, 0.3210,

■ 10.5660, -4.9500,

-0.3110

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 159.8000, 1.1570,
-59.5390

■ 159.8000, 1.1570,
-59.5390

■ 154.5300, 1.6170,
-67.8790

■ 165.0700, 0.6970,
-51.1990

■ 148.9610, 1.4810,
-76.4310

■ 170.6390, 0.8330,
-42.6470

■ 144.3320, 1.5740,
-83.6260

■ 175.7950, 0.6940,
-34.6180

■ 181.3640, 0.8300,
-26.0660

■ 186.6340, 0.3700,
-17.7260

■ 191.9040, -0.0900,
-9.3860

■ 197.4730, 0.0460,
-0.8340

■ 202.6290, -0.0930,
7.1950

■ 208.1980, 0.0430,
15.7470

Harmonies

Analogous

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



165.1500, 67.6370, -52.8990



159.8000, 1.1570, -59.5390



135.4170, -96.0870, -70.3190

Triad

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



159.8000, 1.1570, -59.5390



146.4700, -136.8550, -25.2950



159.0380, 69.0400, 48.3680

Complementary

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



159.8000, 1.1570, -59.5390



95.2000, -1.1570, 59.5390

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.



174.5350, 43.3160, 63.0280



159.8000, 1.1570, -59.5390



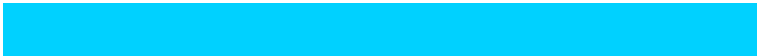
135.9040, -131.9050, -15.8810

Square

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



159.8000, 1.1570, -59.5390



151.7530, -139.3300, -30.0020



179.2790, -3.5380, 42.1100



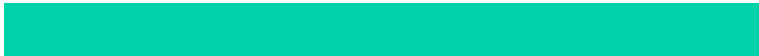
161.4930, 85.5510, 18.9510

Rectangle

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



159.8000, 1.1570, -59.5390



142.6500, -112.3200, -56.9600



179.2790, -3.5380, 42.1100



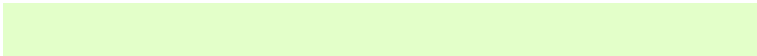
162.2470, 61.3820, 54.9980

Sweetspot

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



159.8000, 1.1570, -59.5390



240.4720, 0.6460, -22.7300



142.0100, 63.9610, -8.2870



119.2690, 0.1400, -13.5560



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.



159.8000, 1.1570, -59.5390



196.1760, 1.7130, -91.6550



139.9950, -39.4170, -73.1210



96.4790, -0.0910, -3.8590



118.7040, 1.0670, -68.9250



26.2150, 0.2320, -15.2240

Inverse Universe

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



95.2000, -1.1570, 59.5390



96.8240, -1.7130, 91.6550



115.0050, 39.4170, 73.1210



92.5210, 0.0910, 3.8590



44.2960, -1.0670, 68.9250



9.7850, -0.2320, 15.2240

Previews

White Background



This preview shows how the YIQ color 159.8000, 1.1570, -59.5390 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 159.8000, 1.1570, -59.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

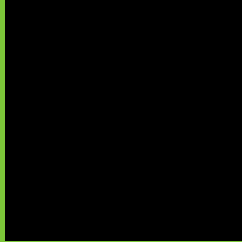
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.8000, 1.1570, -59.5390

Background



This preview shows how black text looks on a background with the YIQ color 159.8000, 1.1570, -59.5390.



This preview shows how white text looks on a background with the YIQ color 159.8000, 1.1570, -59.5390.

-59.5390.

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

159.8000, 1.1570, -59.5390

Protanopia

170.2140, 53.5580, -34.5220

Deuteranopia

173.3330, 64.0090, -20.1750



Tritanopia

174.4510, -29.2510, -4.0270

Trichromacy



Original Color

159.8000, 1.1570, -59.5390

Protanomaly

166.1790, 34.3030, -43.4970

Deuteranomaly

168.5700, 40.8120, -34.8040

Tritanomaly

169.3650, -18.1060, -24.2980

Monochromacy



Original Color

159.8000, 1.1570, -59.5390

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.1130, 0.2790, -21.5850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8000, 1.1570, -59.5390 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(124, 198, 57)` looks like.

```
.text, #text, p{  
    color:rgb(124, 198, 57)  
}
```

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(124, 198, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 198, 57) }
```

Border

The CSS property to change the border of an element to YIQ 159.8000, 1.1570, -59.5390 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(124, 198, 57) }
```


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

```
.border{ border-color:rgb(124, 198, 57) }
```

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

Here you see how a box with a 4 pixel rgb(124, 198, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 198, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 198, 57);  
box-shadow:4px 4px 4px 4px rgb(124, 198,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8000, 1.1570, -59.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 198, 57) }
```

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

```
.background{ background-color: rgb(124,  
198, 57) }
```

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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