

Converting Colors

YIQ(117.8390, -57.6140,
-101.2780)

Have a look what the booklet for
YIQ(117.8390, -57.6140, -101.2780)
contains.

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Color

**YIQ(117.8390, -57.6140,
-101.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	00C709
RGB	0, 199, 9
RGB Percent	0%, 78%, 4%
CMY	1.0000, 0.2193, 0.9647
CMYK	1.00, 0.00, 0.95, 0.22
HSL	123°, 100%, 39%
HSV	123°, 100%, 78%
XYZ	20.4918, 40.9048, 7.0732
YIQ	117.8390, -57.6140, -101.2780

Conversions

Conversions Part 2

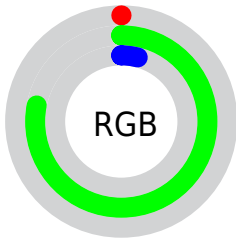
Format	Color
RYB	0, 190, 199
Decimal	50953
CIELab	70.11, -71.35, 68.07
CIELCh	70, 98.607, 136.349
Yxy	40.9048, 0.2993, 0.5974
Android (android.graphics.Color)	4278241033 (0xFF00C709)
YUV	117.8390, -53.6576, -103.3448
Hunter-Lab	63.9569, -54.7332, 38.2127

Details

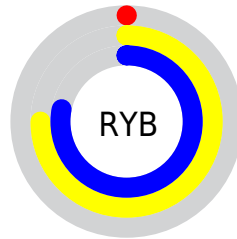
The YIQ color **117.8390, -57.6140, -101.2780** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **81.1610, 57.6140, 101.2780**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **190.2430, -34.7840, -85.5040**, and **83.9410, -39.3250, -74.7890** is the 20% darker color. If you saturate the color by 10%, you get **117.8390, -57.6140, -101.2780**, and if you desaturate by 10%, it is **125.9850, -51.7930, -91.1290**.

Distribution



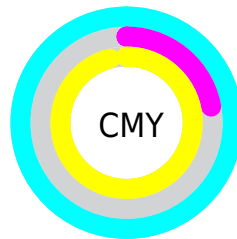
- Red (0%)
- Green (78%)
- Blue (4%)



- Red (0%)
- Yellow (75%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.8390, -57.6140, -101.2780 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 117.8390, -57.6140, -101.2780 by changing the saturation by 10% instead.

■ 117.8390,
-57.6140, -101.2780

■ 117.8390,
-57.6140, -101.2780

■ 255.0000, -0.0000,
-0.0000

■ 100.3770,
-47.0250, -89.4330

■ 190.2430,
-34.7840, -85.5040

■ 83.9410, -39.3250,
-74.7890

■ 203.4160,
-24.4250, -69.4890

■ 68.0920, -31.9000,
-60.6680

■ 215.8770,
-14.9370, -54.2090

■ 52.8300, -24.7500,
-47.0700

■ 228.6370, -4.8530,
-38.7170

■ 38.1550, -17.8750,
-33.9950

■ 241.2120, 4.3140,
-23.1260

■ 23.4800, -11.0000,
-20.9200

■ 251.8080, 8.9880,

■ 0.5870, -0.2750,

-8.7080

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 117.8390,
-57.6140, -101.2780

■ 125.9850,
-51.7930, -91.1290

■ 134.1310,
-45.9720, -80.9800

■ 142.2770,
-40.1510, -70.8310

■ 150.4230,
-34.3300, -60.6820

■ 158.5690,
-28.5090, -50.5330

■ 166.4160,
-23.2840, -40.5960

■ 174.5620,
-17.4630, -30.4470

■ 182.7080,
-11.6420, -20.2980

■ 190.8540, -5.8210,
-10.1490

Harmonies

Analogous

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



154.9730, 45.9060, -61.0540



117.8390, -57.6140, -101.2780



135.8730, -97.3710, -69.0750

Triad

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



117.8390, -57.6140, -101.2780



142.9480, -135.2050, -22.1570



120.6600, 97.1880, 66.8840

Complementary

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



117.8390, -57.6140, -101.2780



81.1610, 57.6140, 101.2780

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.



136.0890, 66.1440, 89.8560



117.8390, -57.6140, -101.2780



126.5120, -127.5050, -7.5130

Square

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



117.8390, -57.6140, -101.2780



150.5790, -138.7800, -28.9560



169.1770, 24.0130, 65.9410



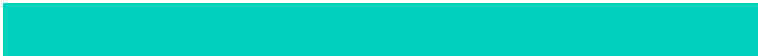
143.2720, 110.6780, 9.6060

Rectangle

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



117.8390, -57.6140, -101.2780



144.2290, -118.1440, -50.5280



169.1770, 24.0130, 65.9410



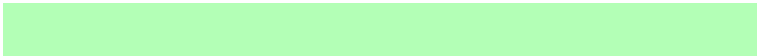
117.5090, 90.9040, 81.6560

Sweetspot

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



117.8390, -57.6140, -101.2780



223.9540, -21.8630, -38.8150



174.2210, 59.7070, -63.3730



109.2300, -13.2920, -23.4360



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.



117.8390, -57.6140, -101.2780



151.0530, -73.9770, -129.6330



128.8970, -88.7510, -71.1110



95.2830, -2.4750, -4.7070



96.4790, -47.0720, -83.0720



21.3600, -10.5420, -18.2060

Inverse Universe

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



81.1610, 57.6140, 101.2780



103.9470, 73.9770, 129.6330



70.1030, 88.7510, 71.1110



93.7170, 2.4750, 4.7070



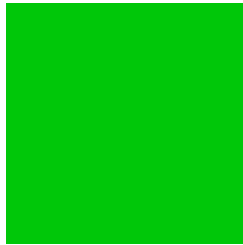
66.5210, 47.0720, 83.0720



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 117.8390, -57.6140, -101.2780 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 117.8390, -57.6140, -101.2780 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 117.8390, -57.6140, -101.2780 Background



This preview shows how black text looks on a background with the YIQ color 117.8390, -57.6140, -101.2780.



This preview shows how white text looks on a background with the YIQ color 117.8390, -57.6140, -101.2780.

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

117.8390, -57.6140, -101.2780

Protanopia

157.1980, 67.6820, -48.2060

Deuteranopia

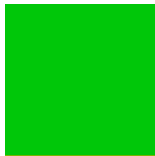
163.5090, 69.1450, -25.1510



Tritanopia

156.5110, -65.0110, -16.7470

Trichromacy



Original Color

117.8390, -57.6140, -101.2780



Protanomaly

143.0670, 21.9740, -67.8660



Deuteranomaly

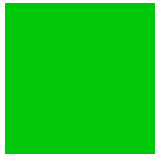
146.9230, 22.9800, -53.0520



Tritanomaly

142.3110, -62.7130, -47.3930

Monochromacy



Original Color

117.8390, -57.6140, -101.2780



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

117.6060, -20.7630, -36.7230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8390, -57.6140, -101.2780 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(0, 199, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 9)  
}
```

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(0, 199, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 9) }
```

Border

The CSS property to change the border of an element to YIQ 117.8390, -57.6140, -101.2780 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(0, 199, 9) }
```


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

```
.border{ border-color:rgb(0, 199, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 199, 9); box-shadow:4px  
4px 4px 4px rgb(0, 199, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8390, -57.6140, -101.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 9) }
```

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

```
.background{ background-color: rgb(0, 199,  
9) }
```

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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