

Converting Colors

YIQ(118.5360, -52.3870,
-102.3950)

Have a look what the booklet for
YIQ(118.5360, -52.3870, -102.3950)
contains.

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Color

**YIQ(118.5360, -52.3870,
-102.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	05C702
RGB	5, 199, 2
RGB Percent	2%, 78%, 1%
CMY	0.9810, 0.2193, 0.9921
CMYK	0.98, 0.00, 0.99, 0.22
HSL	119°, 98%, 39%
HSV	119°, 99%, 78%
XYZ	20.5137, 40.9198, 6.8742
YIQ	118.5360, -52.3870, -102.3950

Conversions

Conversions Part 2

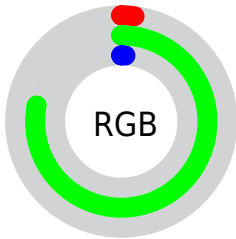
Format	Color
RYB	2, 199, 196
Decimal	378626
CIELab	70.12, -71.29, 68.84
CIELCh	70, 99.102, 135.998
Yxy	40.9198, 0.3003, 0.5991
Android (android.graphics.Color)	4278568706 (0xFF05C702)
YUV	118.5360, -57.4522, -99.5711
Hunter-Lab	63.9686, -54.7030, 38.4066

Details

The YIQ color **118.5360, -52.3870, -102.3950** 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 **82.4640, 52.3870, 102.3950**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3140, -33.5460, -85.9140**, and **83.9410, -39.3250, -74.7890** is the 20% darker color. If you saturate the color by 10%, you get **117.7100, -52.9370, -103.4410**, and if you desaturate by 10%, it is **126.4970, -47.4830, -92.1470**.

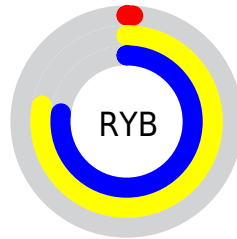
Distribution



Red (2%)

Green (78%)

Blue (1%)



Red (1%)

Yellow (78%)

Blue (77%)

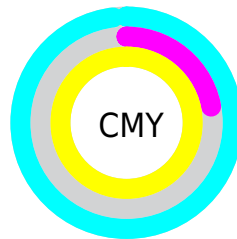


Cyan (98%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (98%)

Magenta (22%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.5360, -52.3870, -102.3950 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 118.5360, -52.3870, -102.3950 by changing the saturation by 10% instead.

■ 118.5360,
-52.3870, -102.3950

■ 118.5360,
-52.3870, -102.3950

■ 255.0000, -0.0000,
-0.0000

■ 100.3770,
-47.0250, -89.4330

■ 190.3140,
-33.5460, -85.9140

■ 83.9410, -39.3250,
-74.7890

■ 203.4870,
-23.1870, -69.8990

■ 68.0920, -31.9000,
-60.6680

■ 215.9480,
-13.6990, -54.6190

■ 52.8300, -24.7500,
-47.0700

■ 228.8220, -3.9360,
-38.8160

■ 38.1550, -17.8750,
-33.9950

■ 241.3970, 5.2310,
-23.2250

■ 23.4800, -11.0000,
-20.9200

■ 251.5800, 9.6300,

■ 0.5870, -0.2750,

-9.3300

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 118.5360,
-52.3870, -102.3950

■ 118.5360,
-52.3870, -102.3950

■ 117.7100,
-52.9370, -103.4410

■ 126.4970,
-47.4830, -92.1470

■ 134.7570,
-41.9830, -81.6870

■ 143.0170,
-36.4830, -71.2270

■ 150.9780,
-31.5790, -60.9790

■ 159.2380,
-26.0790, -50.5190

■ 167.3840,
-20.2580, -40.3700

■ 175.3450,
-15.3540, -30.1220

■ 183.6050, -9.8540,
-19.6620

■ 191.5660, -4.9500,
-9.4140

Harmonies

Analogous

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



155.2720, 46.5020, -60.8420



118.5360, -52.3870, -102.3950



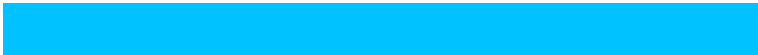
135.6450, -96.7290, -69.6970

Triad

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



118.5360, -52.3870, -102.3950



142.9480, -135.2050, -22.1570



119.0130, 97.6920, 68.7640

Complementary

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



118.5360, -52.3870, -102.3950



82.4640, 52.3870, 102.3950

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.



135.7300, 65.7770, 91.0010



118.5360, -52.3870, -102.3950



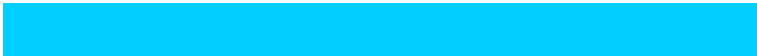
126.5120, -127.5050, -7.5130

Square

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



118.5360, -52.3870, -102.3950



150.5790, -138.7800, -28.9560



168.8780, 23.4170, 65.7290



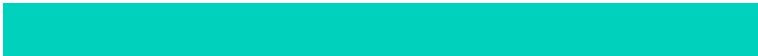
142.0980, 111.2280, 10.6520

Rectangle

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



118.5360, -52.3870, -102.3950



144.1150, -117.8230, -50.8390



168.8780, 23.4170, 65.7290



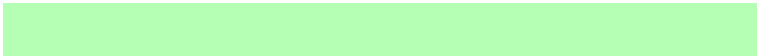
115.9760, 91.0870, 83.8470

Sweetspot

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



118.5360, -52.3870, -102.3950



223.9110, -20.3040, -39.5360



174.7810, 64.0620, -59.6980



109.0020, -12.6500, -24.0580



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.



118.5360, -52.3870, -102.3950



150.8810, -67.7410, -132.5170



128.4690, -84.6700, -73.4860



95.2830, -2.4750, -4.7070



96.2790, -43.6330, -84.8250



21.4310, -9.3040, -18.6160

Inverse Universe

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



82.4640, 52.3870, 102.3950



104.1190, 67.7410, 132.5170



72.5310, 84.6700, 73.4860



93.7170, 2.4750, 4.7070



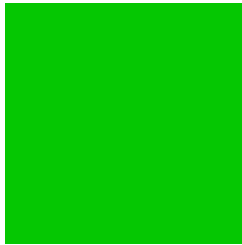
66.7210, 43.6330, 84.8250



14.5690, 9.3040, 18.6160

Previews

White Background



This preview shows how the YIQ color 118.5360, -52.3870, -102.3950 looks on a white background.

Color Contrast Check

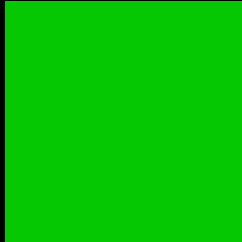
Large Text (above 18pt) WCAG AA × Fail

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 118.5360, -52.3870, -102.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

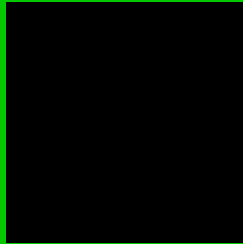
Any Text WCAG AA ✓ Pass

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 118.5360, -52.3870, -102.3950 Background



This preview shows how black text looks on a background with the YIQ color 118.5360, -52.3870, -102.3950.



This preview shows how white text looks on a background with the YIQ color 118.5360, -52.3870, -102.3950.

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

118.5360, -52.3870, -102.3950

Protanopia

157.1980, 67.6820, -48.2060

Deuteranopia

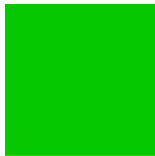
163.3950, 69.4660, -25.4620



Tritanopia

156.5110, -65.0110, -16.7470

Trichromacy



Original Color

118.5360, -52.3870, -102.3950



Protanomaly

143.4370, 23.8080, -68.0640



Deuteranomaly

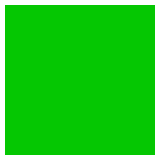
147.1790, 25.1350, -53.5610



Tritanomaly

142.5670, -60.5580, -47.9020

Monochromacy



Original Color

118.5360, -52.3870, -102.3950



Achromatopsia

119.0000, -0.0000, 0.0000



Achromatomaly

118.5630, -19.2040, -37.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5360, -52.3870, -102.3950 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(5, 199, 2)` looks like.

```
.text, #text, p{  
    color:rgb(5, 199, 2)  
}
```

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(5, 199, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 199, 2) }
```

Border

The CSS property to change the border of an element to YIQ 118.5360, -52.3870, -102.3950 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(5, 199, 2) }
```


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

```
.border{ border-color:rgb(5, 199, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 199, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 199, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 199, 2); box-shadow:4px  
4px 4px 4px rgb(5, 199, 2) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5360, -52.3870, -102.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 199, 2) }
```

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

```
.background{ background-color: rgb(5, 199,  
2) }
```

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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