

Converting Colors

YIQ(108.0080, -50.6000,
-96.2320)

Have a look what the booklet for
YIQ(108.0080, -50.6000, -96.2320)
contains.

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Color

**YIQ(108.0080, -50.6000,
-96.2320)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00B800 |
| RGB | 0, 184, 0 |
| RGB Percent | 0%, 72%, 0% |
| CMY | 1.0000, 0.2781, 0.9999 |
| CMYK | 1.00, 0.00, 1.00, 0.28 |
| HSL | 120°, 100%, 36% |
| HSV | 120°, 100%, 72% |
| XYZ | 17.1565, 34.3129, 5.7188 |
| YIQ | 108.0080, -50.6000, -96.2320 |

Conversions

Conversions Part 2

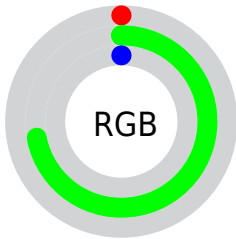
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 184, 184 |
| Decimal | 47104 |
| CIELab | 65.21, -67.47, 65.12 |
| CIELCh | 65, 93.768, 136.016 |
| Yxy | 34.3129, 0.3000, 0.6000 |
| Android (android.graphics.Color) | 4278237184 (0xFF00B800) |
| YUV | 108.0080, -53.2479, -94.7230 |
| Hunter-Lab | 58.5772, -50.2300, 35.2157 |

Details

The YIQ color **108.0080, -50.6000, -96.2320** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **75.9920, 50.6000, 96.2320**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8460, -31.9880, -81.1080**, and **75.7230, -35.4750, -67.4670** is the 20% darker color. If you saturate the color by 10%, you get **108.0080, -50.6000, -96.2320**, and if you desaturate by 10%, it is **115.4420, -45.6500, -86.8180**.

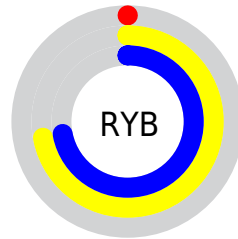
Distribution



Red (0%)

Green (72%)

Blue (0%)



Red (0%)

Yellow (72%)

Blue (72%)

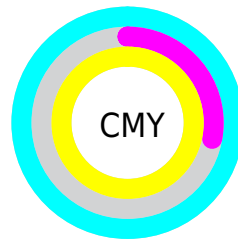


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (100%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.0080, -50.6000, -96.2320 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 108.0080, -50.6000, -96.2320 by changing the saturation by 10% instead.

■ 108.0080,
-50.6000, -96.2320

■ 108.0080,
-50.6000, -96.2320

■ 255.0000, -0.0000,
-0.0000

■ 91.5720, -42.9000,
-81.5880

■ 180.4330,
-32.2630, -81.6310

■ 75.7230, -35.4750,
-67.4670

■ 201.1230,
-25.1580, -72.7260

■ 60.4610, -28.3250,
-53.8690

■ 213.5840,
-15.6700, -57.4460

■ 45.1990, -21.1750,
-40.2710

■ 226.0450, -6.1820,
-42.1660

■ 31.6980, -14.8500,
-28.2420

■ 238.3210, 2.3890,
-26.7870

■ 15.8490, -7.4250,
-14.1210

■ 250.8960, 11.5560,

■ 0.0000, 0.0000,

-11.1960

0.0000

254.3160, 1.9260,
-1.8660

108.0080,
-50.6000, -96.2320

115.4420,
-45.6500, -86.8180

123.2890,
-40.4250, -76.8810

130.7230,
-35.4750, -67.4670

138.5700,
-30.2500, -57.5300

146.0040,
-25.3000, -48.1160

■ 153.4380,
-20.3500, -38.7020

■ 161.2850,
-15.1250, -28.7650

■ 168.7190,
-10.1750, -19.3510

■ 176.5660, -4.9500,
-9.4140

Harmonies

Analogous

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



143.4660, 43.2000, -56.0640



108.0080, -50.6000, -96.2320



125.8140, -89.7150, -64.6510

Triad

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



108.0080, -50.6000, -96.2320



134.7300, -131.3550, -14.8350



114.9380, 102.2770, 68.2690

Complementary

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



108.0080, -50.6000, -96.2320



75.9920, 50.6000, 96.2320

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.



130.2700, 72.8840, 88.8520



108.0080, -50.6000, -96.2320



119.4680, -124.2050, -1.2370

Square

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



108.0080, -50.6000, -96.2320



141.1870, -134.3800, -20.5880



157.9250, 16.0350, 67.3550



136.9460, 114.7120, 13.5920

Rectangle

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



108.0080, -50.6000, -96.2320



133.7140, -109.2040, -47.3480



157.9250, 16.0350, 67.3550



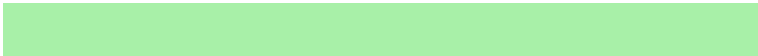
111.5590, 96.6350, 82.4190

Sweetspot

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



108.0080, -50.6000, -96.2320



210.2640, -19.8000, -37.6560



163.0240, 59.0640, -57.2240



102.2410, -11.8250, -22.4890



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



108.0080, -50.6000, -96.2320



140.8800, -66.0000, -125.5200



118.4960, -80.1320, -67.6200



88.2830, -2.4750, -4.7070



91.5720, -42.9000, -81.5880



16.4360, -7.7000, -14.6440

Inverse Universe

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



75.9920, 50.6000, 96.2320



99.1200, 66.0000, 125.5200



65.5040, 80.1320, 67.6200



86.7170, 2.4750, 4.7070



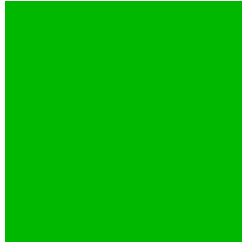
64.4280, 42.9000, 81.5880



11.5640, 7.7000, 14.6440

Previews

White Background



This preview shows how the YIQ color 108.0080, -50.6000, -96.2320 looks on a white background.

Color Contrast Check

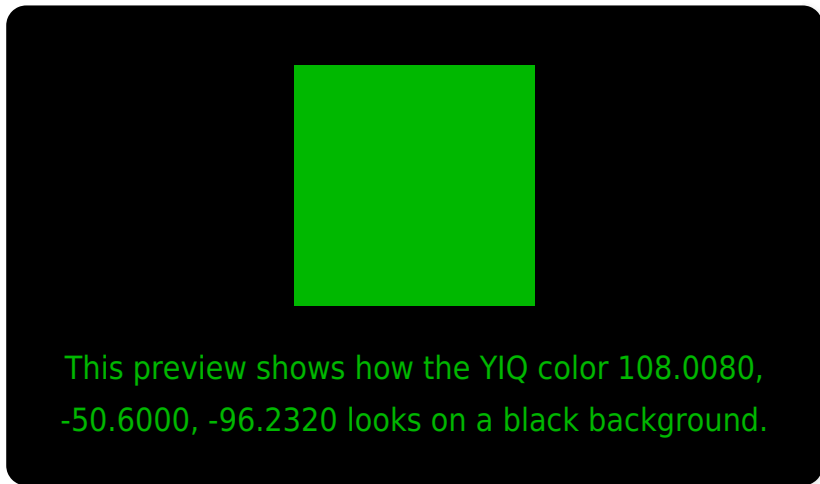
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 108.0080, -50.6000, -96.2320 Background



This preview shows how black text looks on a background with the YIQ color 108.0080, -50.6000, -96.2320.



This preview shows how white text looks on a background with the YIQ color 108.0080, -50.6000, -96.2320.

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

108.0080, -50.6000, -96.2320

Protanopia

145.6690, 62.0420, -45.1100

Deuteranopia

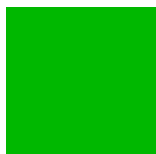
151.2250, 64.1930, -23.5110



Tritanopia

144.4900, -60.5180, -15.5740

Trichromacy



Original Color

108.0080, -50.6000, -96.2320



Protanomaly

131.8160, 21.4230, -63.3850



Deuteranomaly

135.6180, 22.5210, -50.2390



Tritanomaly

131.4150, -57.0740, -44.9620

Monochromacy



Original Color

108.0080, -50.6000, -96.2320



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

108.3290, -18.4250, -35.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.0080, -50.6000, -96.2320 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, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 0)  
}
```

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, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 0) }
```

Border

The CSS property to change the border of an element to YIQ 108.0080, -50.6000, -96.2320 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, 184, 0) }
```


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

```
.border{ border-color:rgb(0, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 184, 0); box-shadow:4px  
4px 4px 4px rgb(0, 184, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 108.0080, -50.6000, -96.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 0) }
```

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

```
.background{ background-color: rgb(0, 184,  
0) }
```

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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