

Converting Colors

YIQ(112.4160, -51.9290,
-99.6810)

Have a look what the booklet for
YIQ(112.4160, -51.9290, -99.6810)
contains.

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Color

**YIQ(112.4160, -51.9290,
-99.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	01BF00
RGB	1, 191, 0
RGB Percent	0%, 75%, 0%
CMY	0.9966, 0.2507, 0.9999
CMYK	1.00, 0.00, 1.00, 0.25
HSL	120°, 100%, 37%
HSV	120°, 100%, 75%
XYZ	18.6588, 37.3017, 6.2165
YIQ	112.4160, -51.9290, -99.6810

Conversions

Conversions Part 2

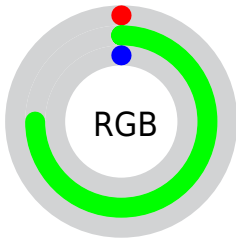
Format	Color
RYB	0, 191, 190
Decimal	114432
CIELab	67.50, -69.33, 66.96
CIELCh	68, 96.387, 135.998
Yxy	37.3017, 0.3001, 0.5999
Android (android.graphics.Color)	4278304512 (0xFF01BF00)
YUV	112.4160, -55.4211, -97.7118
Hunter-Lab	61.0752, -52.3487, 36.7178

Details

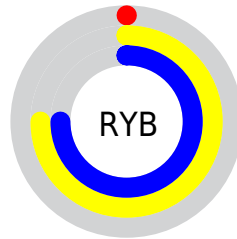
The YIQ color **112.4160, -51.9290, -99.6810** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **78.5840, 51.9290, 99.6810**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5530, -32.7210, -84.3450**, and **79.8320, -37.4000, -71.1280** is the 20% darker color. If you saturate the color by 10%, you get **112.4160, -51.9290, -99.6810**, and if you desaturate by 10%, it is **120.2630, -46.7040, -89.7440**.

Distribution



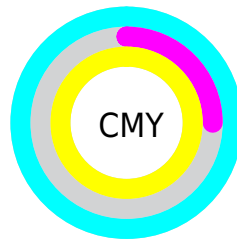
- Red (0%)
- Green (75%)
- Blue (0%)



- Red (0%)
- Yellow (75%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.4160, -51.9290, -99.6810 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 112.4160, -51.9290, -99.6810 by changing the saturation by 10% instead.

■ 112.4160,
-51.9290, -99.6810

■ 112.4160,
-51.9290, -99.6810

■ 255.0000, -0.0000,
-0.0000

■ 95.6810, -44.8250,
-85.2490

■ 185.5530,
-32.7210, -84.3450

■ 79.8320, -37.4000,
-71.1280

■ 201.9490,
-24.6080, -71.6800

■ 63.9830, -29.9750,
-57.0070

■ 214.7090,
-14.5240, -56.1880

■ 48.7210, -22.8250,
-43.4090

■ 227.2840, -5.3570,
-40.5970

■ 34.6330, -16.2250,
-30.8570

■ 239.7450, 4.1310,
-25.3170

■ 19.3710, -9.0750,
-17.2590

■ 251.2380, 10.5930,

■ 0.0000, 0.0000,

-10.2630

0.0000

254.5440, 1.2840,
-1.2440

■ 112.4160,
-51.9290, -99.6810

■ 120.2630,
-46.7040, -89.7440

■ 128.1100,
-41.4790, -79.8070

■ 135.9570,
-36.2540, -69.8700

■ 143.8040,
-31.0290, -59.9330

■ 151.7650,
-26.1250, -49.6850

■ 159.6120,
-20.9000, -39.7480

■ 167.4590,
-15.6750, -29.8110

■ 175.3060,
-10.4500, -19.8740

■ 183.1530, -5.2250,
-9.9370

Harmonies

Analogous

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



149.3690, 44.8510, -58.4530



112.4160, -51.9290, -99.6810



130.3790, -92.9240, -67.0680

Triad

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



112.4160, -51.9290, -99.6810



138.8390, -133.2800, -18.4960



116.5680, 100.4430, 68.4670

Complementary

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



112.4160, -51.9290, -99.6810



78.5840, 51.9290, 99.6810

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.



132.9430, 69.4910, 89.7710



112.4160, -51.9290, -99.6810



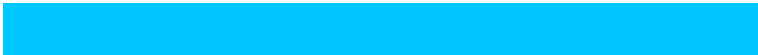
122.9900, -125.8550, -4.3750

Square

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



112.4160, -51.9290, -99.6810



145.8830, -136.5800, -24.7720



163.2520, 19.4280, 66.4360



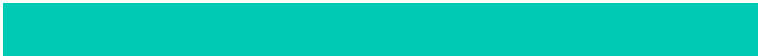
139.5220, 112.9700, 12.1220

Rectangle

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



112.4160, -51.9290, -99.6810



138.5070, -113.0550, -49.1430



163.2520, 19.4280, 66.4360



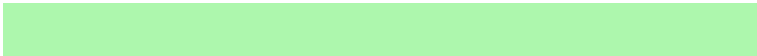
113.4170, 94.1590, 83.2390

Sweetspot

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



112.4160, -51.9290, -99.6810



216.4380, -20.3500, -38.7020



167.4650, 62.1360, -57.8320



106.4150, -12.3750, -23.5350



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



112.4160, -51.9290, -99.6810



145.2880, -67.3290, -128.9690



122.6050, -82.0570, -71.2810



90.2830, -2.4750, -4.7070



93.0450, -42.8540, -82.4220



18.1970, -8.5250, -16.2130

Inverse Universe

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



78.5840, 51.9290, 99.6810



101.7120, 67.3290, 128.9690



68.3950, 82.0570, 71.2810



88.7170, 2.4750, 4.7070



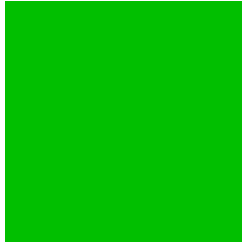
64.9550, 42.8540, 82.4220



12.5040, 7.9290, 16.0010

Previews

White Background



This preview shows how the YIQ color 112.4160, -51.9290, -99.6810 looks on a white background.

Color Contrast Check

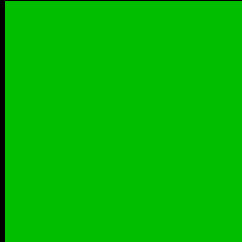
Large Text (above 18pt) WCAG AA × Fail

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 112.4160, -51.9290, -99.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

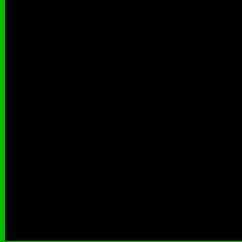
Any Text WCAG AA ✓ Pass

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 112.4160, -51.9290, -99.6810 Background



This preview shows how black text looks on a background with the YIQ color 112.4160, -51.9290, -99.6810.



This preview shows how white text looks on a background with the YIQ color 112.4160, -51.9290, -99.6810.

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

112.4160, -51.9290, -99.6810

Protanopia

151.2840, 64.5640, -46.7640

Deuteranopia

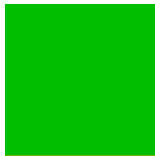
156.9540, 66.3940, -24.8540



Tritanopia

150.2940, -62.9020, -16.4220

Trichromacy



Original Color

112.4160, -51.9290, -99.6810



Protanomaly

137.1210, 21.8820, -66.1980



Deuteranomaly

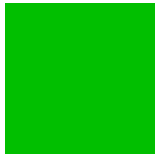
140.7490, 23.5300, -52.0060



Tritanomaly

136.5780, -59.0910, -46.9550

Monochromacy



Original Color

112.4160, -51.9290, -99.6810



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

112.3890, -18.6540, -36.3980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.4160, -51.9290, -99.6810 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(1, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(1, 191, 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(1, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 191, 0) }
```

Border

The CSS property to change the border of an element to YIQ 112.4160, -51.9290, -99.6810 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(1, 191, 0) }
```


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

```
.border{ border-color:rgb(1, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 191, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 191, 0); box-shadow:4px  
4px 4px 4px rgb(1, 191, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 112.4160, -51.9290, -99.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 191, 0) }
```

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

```
.background{ background-color: rgb(1, 191,  
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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