

Converting Colors

YIQ(108.4280, -51.0620,
-76.8380)

Have a look what the booklet for
YIQ(108.4280, -51.0620, -76.8380)
contains.

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Color

**YIQ(108.4280, -51.0620,
-76.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	0CAC22
RGB	12, 172, 34
RGB Percent	5%, 67%, 13%
CMY	0.9534, 0.3252, 0.8667
CMYK	0.93, 0.00, 0.80, 0.33
HSL	128°, 87%, 36%
HSV	128°, 93%, 67%
XYZ	15.2036, 29.7232, 6.4474
YIQ	108.4280, -51.0620, -76.8380

Conversions

Conversions Part 2

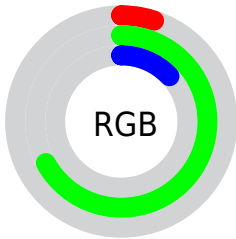
Format	Color
RYB	12, 153, 172
Decimal	830498
CIELab	61.41, -62.27, 55.52
CIELCh	61, 83.423, 138.278
Yxy	29.7232, 0.2959, 0.5786
Android (android.graphics.Color)	4279020578 (0xFF0CAC22)
YUV	108.4280, -36.6930, -84.5674
Hunter-Lab	54.5190, -45.6302, 31.1517

Details

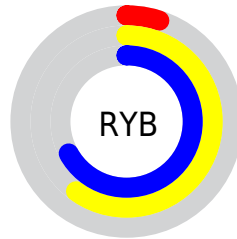
The YIQ color **108.4280, -51.0620, -76.8380** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **75.5720, 51.0620, 76.8380**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6860, -34.0530, -71.2130**, and **69.2660, -32.4500, -61.7140** is the 20% darker color. If you saturate the color by 10%, you get **103.7000, -55.0040, -82.4920**, and if you desaturate by 10%, it is **115.2210, -45.7450, -68.5690**.

Distribution



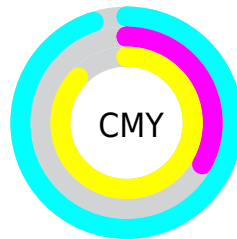
- Red (5%)
- Green (67%)
- Blue (13%)



- Red (5%)
- Yellow (60%)
- Blue (67%)



- Cyan (93%)
- Magenta (0%)
- Yellow (80%)
- Black (33%)



- Cyan (95%)
- Magenta (33%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.4280, -51.0620, -76.8380 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 108.4280, -51.0620, -76.8380 by changing the saturation by 10% instead.

■ 108.4280,
-51.0620, -76.8380

■ 108.4280,
-51.0620, -76.8380

■ 255.0000, -0.0000,
-0.0000

■ 85.1150, -39.8750,
-75.8350

■ 173.6860,
-34.0530, -71.2130

■ 69.2660, -32.4500,
-61.7140

■ 201.2950,
-31.3940, -69.8420

■ 54.0040, -25.3000,
-48.1160

■ 213.7560,
-21.9060, -54.5620

■ 39.3290, -18.4250,
-35.0410

■ 225.8040,
-12.6930, -39.8050

■ 25.8280, -12.1000,
-23.0120

■ 238.0800, -4.1220,
-24.4260

■ 5.8700, -2.7500,
-5.2300

■ 250.6550, 5.0450,

■ 0.0000, 0.0000,

-8.8350

0.0000

■ 108.4280,
-51.0620, -76.8380

■ 108.4280,
-51.0620, -76.8380

■ 103.7000,
-55.0040, -82.4920

■ 115.2210,
-45.7450, -68.5690

■ 122.0140,
-40.4280, -60.3000

■ 128.9920,
-34.1940, -52.1300

■ 135.7850,
-28.8770, -43.8610

■ 142.5780,
-23.5600, -35.5920

■ 149.3710,
-18.2430, -27.3230

■ 156.1640,
-12.9260, -19.0540

■ 163.2560, -7.0130,
-10.5730

■ 169.9350, -1.3750,
-2.6150

Harmonies

Analogous

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



133.7090, 38.2020, -53.5900



108.4280, -51.0620, -76.8380



118.2970, -86.4610, -57.5410

Triad

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



108.4280, -51.0620, -76.8380



126.5120, -127.5050, -7.5130



124.2500, 100.8580, 55.4340

Complementary

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



108.4280, -51.0620, -76.8380



75.5720, 51.0620, 76.8380

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.



133.2730, 76.8290, 77.9250



108.4280, -51.0620, -76.8380



128.8690, -88.1250, 16.6990

Square

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



108.4280, -51.0620, -76.8380



132.9690, -130.5300, -13.2660



150.9140, 14.5680, 66.4080



137.3370, 112.0530, 12.2210

Rectangle

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



108.4280, -51.0620, -76.8380



124.8120, -103.4280, -41.8920



150.9140, 14.5680, 66.4080



122.8770, 95.0790, 66.5590

Sweetspot

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



108.4280, -51.0620, -76.8380



199.3060, -19.6180, -29.9380



147.4810, 38.8440, -54.2120



96.8760, -12.0550, -18.3190



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



108.4280, -51.0620, -76.8380



135.0220, -71.5510, -107.5110



117.4340, -76.4210, -52.2690



83.3970, -2.7960, -4.3960



90.4440, -47.9910, -71.9190



13.8430, -7.2880, -11.0960

Inverse Universe

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



75.5720, 51.0620, 76.8380



88.9780, 71.5510, 107.5110



66.5660, 76.4210, 52.2690



81.6030, 2.7960, 4.3960



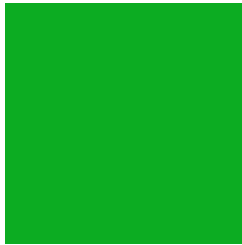
59.6700, 47.6700, 72.2300



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 108.4280, -51.0620, -76.8380 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 108.4280, -51.0620, -76.8380 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 × Fail

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

YIQ 108.4280, -51.0620, -76.8380 Background



This preview shows how black text looks on a background with the YIQ color 108.4280, -51.0620, -76.8380.



This preview shows how white text looks on a background with the YIQ color 108.4280, -51.0620, -76.8380.

-76.8380.

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

108.4280, -51.0620, -76.8380

Protanopia

139.7020, 49.2480, -33.5040

Deuteranopia

142.7820, 55.4350, -18.9730



Tritanopia

135.1700, -56.6210, -14.6130

Trichromacy



Original Color

108.4280, -51.0620, -76.8380



Protanomaly

128.4690, 12.7550, -49.4610



Deuteranomaly

130.4190, 16.1920, -40.1600



Tritanomaly

125.1260, -54.4620, -37.2300

Monochromacy



Original Color

108.4280, -51.0620, -76.8380



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

107.9580, -18.5180, -27.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.4280, -51.0620, -76.8380 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(12, 172, 34)` looks like.

```
.text, #text, p{  
    color:rgb(12, 172, 34)  
}
```

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(12, 172, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 172, 34) }
```

Border

The CSS property to change the border of an element to YIQ 108.4280, -51.0620, -76.8380 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(12, 172, 34) }
```


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

```
.border{ border-color:rgb(12, 172, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 172, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 172, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 172, 34);  
box-shadow:4px 4px 4px 4px rgb(12, 172,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 108.4280, -51.0620, -76.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 172, 34) }
```

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

```
.background{ background-color: rgb(12, 172,  
34) }
```

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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