

Converting Colors

YIQ(119.9010, -59.0430,
-58.8430)

Have a look what the booklet for
YIQ(119.9010, -59.0430, -58.8430)
contains.

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Color

**YIQ(119.9010, -59.0430,
-58.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	1BAE55
RGB	27, 174, 85
RGB Percent	11%, 68%, 33%
CMY	0.8945, 0.3174, 0.6668
CMYK	0.85, 0.00, 0.51, 0.32
HSL	144°, 73%, 39%
HSV	144°, 85%, 68%
XYZ	17.2352, 31.1827, 13.6960
YIQ	119.9010, -59.0430, -58.8430

Conversions

Conversions Part 2

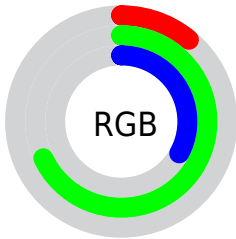
Format	Color
RYB	27, 132, 174
Decimal	1814101
CIELab	62.66, -56.05, 35.41
CIELCh	63, 66.302, 147.715
Yxy	31.1827, 0.2775, 0.5020
Android (android.graphics.Color)	4280004181 (0xFF1BAE55)
YUV	119.9010, -17.2062, -81.4742
Hunter-Lab	55.8415, -42.6293, 24.5472

Details

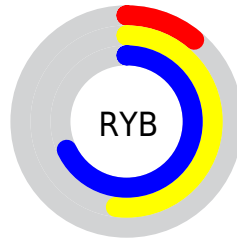
The YIQ color **119.9010, -59.0430, -58.8430** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **81.0990, 59.0430, 58.8430**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.0010, -47.5810, -57.3170**, and **74.5440, -44.5560, -51.5640** is the 20% darker color. If you saturate the color by 10%, you get **113.2650, -66.2400, -66.0800**, and if you desaturate by 10%, it is **126.1240, -52.1210, -52.1290**.

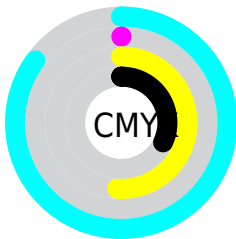
Distribution



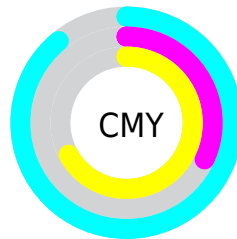
- Red (11%)
- Green (68%)
- Blue (33%)



- Red (11%)
- Yellow (52%)
- Blue (68%)



- Cyan (85%)
- Magenta (0%)
- Yellow (51%)
- Black (32%)





- Cyan (89%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.9010, -59.0430, -58.8430 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 119.9010, -59.0430, -58.8430 by changing the saturation by 10% instead.


 119.9010,
-59.0430, -58.8430


 119.9010,
-59.0430, -58.8430


 255.0000, -0.0000,
-0.0000


 93.1290, -59.6850,
-58.2210


 181.0010,
-47.5810, -57.3170


 74.5440, -44.5560,
-51.5640


 207.4360,
-44.3720, -54.9000


 56.2040, -28.7390,
-46.3630


 219.2990,
-36.0760, -40.0440

 40.5030, -18.9750,
-36.0870

 231.4610,
-27.1840, -24.9760

 27.5890, -12.9250,
-24.5810

 243.6230,
-18.2920, -9.9080

 9.9790, -4.6750,
-8.8910

 253.5050, -2.9800,

 0.0000, 0.0000,

-1.0600

0.0000

■ 119.9010,
-59.0430, -58.8430

■ 119.9010,
-59.0430, -58.8430

■ 113.2650,
-66.2400, -66.0800

■ 126.1240,
-52.1210, -52.1290

■ 110.0040,
-69.9990, -69.5430

■ 132.7600,
-44.9240, -44.8920

■ 139.0970,
-38.3230, -37.8670

■ 145.6190,
-30.8050, -30.9410

■ 151.9560,
-24.2040, -23.9160

■ 158.1790,
-17.2820, -17.2020

■ 164.8150,
-10.0850, -9.9650

■ 171.0380, -3.1630,
-3.2510

■ 177.6740, 4.0340,
3.9860

Harmonies

Analogous

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



137.8890, 20.3200, -48.8960



119.9010, -59.0430, -58.8430



121.6030, -95.7700, -48.5220

Triad

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



119.9010, -59.0430, -58.8430



122.9900, -125.8550, -4.3750



146.0460, 91.7840, 32.6480

Complementary

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



119.9010, -59.0430, -58.8430



81.0990, 59.0430, 58.8430

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.



148.3640, 74.1740, 54.4460



119.9010, -59.0430, -58.8430



152.5340, -35.1730, 37.2350

Square

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



119.9010, -59.0430, -58.8430



130.1650, -128.1460, -12.4180



154.8490, 30.3880, 55.0280



146.8450, 86.6550, -1.0650

Rectangle

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



119.9010, -59.0430, -58.8430



126.2770, -108.9310, -35.7710



154.8490, 30.3880, 55.0280



145.5760, 87.6560, 41.3840

Sweetspot

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



119.9010, -59.0430, -58.8430



206.0810, -23.0580, -22.6580



140.4980, 13.8110, -57.5890



102.1410, -14.1190, -13.9510



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



119.9010, -59.0430, -58.8430



143.5090, -91.3150, -90.7310



128.1090, -82.1550, -36.4510



83.6250, -3.4380, -3.7740



94.7760, -60.1890, -60.1010



14.5270, -9.2140, -9.2300

Inverse Universe

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



81.0990, 59.0430, 58.8430



83.4910, 91.3150, 90.7310



72.8910, 82.1550, 36.4510



81.2610, 3.7590, 3.4630



55.2240, 60.1890, 60.1010



8.4730, 9.2140, 9.2300

Previews

White Background



This preview shows how the YIQ color 119.9010, -59.0430, -58.8430 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 119.9010, -59.0430, -58.8430 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 119.9010, -59.0430, -58.8430 Background



This preview shows how black text looks on a background with the YIQ color 119.9010, -59.0430, -58.8430.



This preview shows how white text looks on a background with the YIQ color 119.9010, -59.0430, -58.8430.

-58.8430.

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

119.9010, -59.0430, -58.8430

Protanopia

146.4620, 32.9690, -19.3110

Deuteranopia

149.5480, 39.0190, -7.8050



Tritanopia

137.6750, -59.6010, -15.6730

Trichromacy



Original Color

119.9010, -59.0430, -58.8430



Protanomaly

136.8380, -0.8650, -33.8970



Deuteranomaly

138.9190, 3.5810, -26.3630



Tritanomaly

131.4770, -59.6440, -31.4200

Monochromacy



Original Color

119.9010, -59.0430, -58.8430



Achromatopsia

120.0000, -0.0000, -0.0000



Achromatomaly

120.0920, -21.5910, -21.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9010, -59.0430, -58.8430 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(27, 174, 85)` looks like.

```
.text, #text, p{  
    color:rgb(27, 174, 85)  
}
```

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(27, 174, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 174, 85) }
```

Border

The CSS property to change the border of an element to YIQ 119.9010, -59.0430, -58.8430 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(27, 174, 85) }
```


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

```
.border{ border-color:rgb(27, 174, 85) }
```

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

Here you see how a box with a 4 pixel rgb(27, 174, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 174, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 174, 85);  
box-shadow:4px 4px 4px 4px rgb(27, 174,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9010, -59.0430, -58.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 174, 85) }
```

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

```
.background{ background-color: rgb(27, 174,  
85) }
```

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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