

Converting Colors

YIQ(119.5950, -57.7610,
-49.0330)

Have a look what the booklet for
YIQ(119.5950, -57.7610, -49.0330)
contains.

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Color

**YIQ(119.5950, -57.7610,
-49.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	22A764
RGB	34, 167, 100
RGB Percent	13%, 65%, 39%
CMY	0.8670, 0.3449, 0.6080
CMYK	0.80, 0.00, 0.40, 0.34
HSL	150°, 66%, 39%
HSV	150°, 80%, 66%
XYZ	16.7837, 28.9156, 16.7418
YIQ	119.5950, -57.7610, -49.0330

Conversions

Conversions Part 2

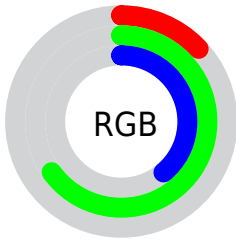
Format	Color
RYB	34, 123, 167
Decimal	2271076
CIELab	60.71, -50.12, 25.11
CIELCh	61, 56.058, 153.392
Yxy	28.9156, 0.2688, 0.4631
Android (android.graphics.Color)	4280461156 (0xFF22A764)
YUV	119.5950, -9.6603, -75.0668
Hunter-Lab	53.7732, -38.3899, 19.1819

Details

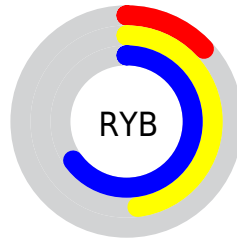
The YIQ color **119.5950, -57.7610, -49.0330** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **81.4050, 57.7610, 49.0330**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.6130, -49.0040, -48.0440**, and **72.8460, -48.0420, -43.4500** is the 20% darker color. If you saturate the color by 10%, you get **113.6000, -65.3250, -55.1250**, and if you desaturate by 10%, it is **125.5900, -50.1970, -42.9410**.

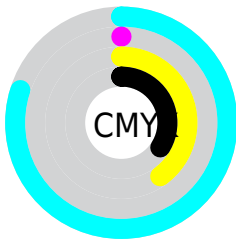
Distribution



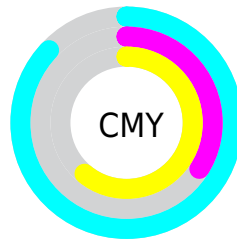
- Red (13%)
- Green (65%)
- Blue (39%)



- Red (13%)
- Yellow (48%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)





- Cyan (87%)
- Magenta (34%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.5950, -57.7610, -49.0330 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 119.5950, -57.7610, -49.0330 by changing the saturation by 10% instead.


 119.5950,
-57.7610, -49.0330

 119.5950,
-57.7610, -49.0330


 255.0000, -0.0000,
-0.0000


 90.8440, -62.8960,
-49.5840


 178.6130,
-49.0040, -48.0440


 72.8460, -48.0420,
-43.4500


 207.3850,
-48.3620, -48.6660

 55.0760, -33.8300,
-36.6940


 221.0090,
-40.8910, -35.3790

 37.6650, -19.2510,
-31.0830

 233.1710,
-31.9990, -20.3110

 24.6540, -11.5500,
-21.9660

 244.2360,
-21.4560, -7.6320

 2.9350, -1.3750,
-2.6150

 253.2060, -3.5760,

 0.0000, 0.0000,

-1.2720

0.0000

■ 119.5950,
-57.7610, -49.0330

■ 119.5950,
-57.7610, -49.0330

■ 113.6000,
-65.3250, -55.1250

■ 125.5900,
-50.1970, -42.9410

■ 107.7900,
-71.9720, -61.3160

■ 131.4000,
-43.5500, -36.7500

■ 107.4910,
-72.5680, -61.5280

■ 137.3950,
-35.9860, -30.6580

■ 143.5040,
-28.7430, -24.2550

■ 149.2000,
-21.7750, -18.3750

■ 155.1950,
-14.2110, -12.2830

■ 161.3040, -6.9680,
-5.8800

■ 167.2990, 0.5960,
0.2120

■ 173.1090, 7.2430,
6.4030

Harmonies

Analogous

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



134.9280, 7.3890, -40.3150



119.5950, -57.7610, -49.0330



117.0040, -95.2210, -41.9490

Triad

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



119.5950, -57.7610, -49.0330



127.9400, -96.0550, 6.2250



144.1810, 77.8020, 21.7220

Complementary

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



119.5950, -57.7610, -49.0330



81.4050, 57.7610, 49.0330

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.



145.8540, 66.3820, 41.4700



119.5950, -57.7610, -49.0330



149.3480, -17.1540, 35.5660

Square

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



119.5950, -57.7610, -49.0330



122.3570, -119.9390, -12.4750



150.1340, 33.5990, 46.3910



142.8260, 70.4710, -5.1210

Rectangle

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



119.5950, -57.7610, -49.0330



120.7660, -105.8140, -31.6860



150.1340, 33.5990, 46.3910



144.1520, 76.7460, 29.8500

Sweetspot

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



119.5950, -57.7610, -49.0330



198.4880, -22.6460, -19.1100



132.7020, 4.5490, -54.9310



98.6080, -13.9360, -11.7600



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



119.5950, -57.7610, -49.0330



142.8380, -90.2630, -76.7510



127.0050, -78.6260, -28.8180



81.1520, -3.4840, -2.9400



95.1980, -64.1330, -54.7010



12.8800, -8.7100, -7.3500

Inverse Universe

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



81.4050, 57.7610, 49.0330



83.1620, 90.2630, 76.7510



73.9950, 78.6260, 28.8180



78.8480, 3.4840, 2.9400



52.8020, 64.1330, 54.7010



7.1200, 8.7100, 7.3500

Previews

White Background



This preview shows how the YIQ color 119.5950, -57.7610, -49.0330 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 119.5950, -57.7610, -49.0330 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 119.5950, -57.7610, -49.0330 Background



This preview shows how black text looks on a background with the YIQ color 119.5950, -57.7610, -49.0330.



This preview shows how white text looks on a background with the YIQ color 119.5950, -57.7610, -49.0330.

-49.0330.

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

119.5950, -57.7610, -49.0330

Protanopia

142.7310, 25.0820, -14.0380

Deuteranopia

145.1050, 30.2610, -3.2670



Tritanopia

133.1590, -58.0880, -15.5600

Trichromacy



Original Color

119.5950, -57.7610, -49.0330



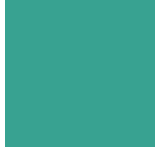
Protanomaly

134.3140, -4.9010, -26.8290



Deuteranomaly

135.7970, -1.6470, -19.7190



Tritanomaly

128.3680, -57.7190, -27.7590

Monochromacy



Original Color

119.5950, -57.7610, -49.0330



Achromatopsia

120.0000, -0.0000, -0.0000



Achromatomaly

119.9120, -20.9040, -17.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5950, -57.7610, -49.0330 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(34, 167, 100)` looks like.

```
.text, #text, p{  
    color:rgb(34, 167, 100)  
}
```

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(34, 167, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 167, 100) }
```

Border

The CSS property to change the border of an element to YIQ 119.5950, -57.7610, -49.0330 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(34, 167, 100) }
```


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

```
.border{ border-color:rgb(34, 167, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 167, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 167, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 167, 100);  
box-shadow:4px 4px 4px 4px rgb(34, 167,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5950, -57.7610, -49.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 167, 100) }
```

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

```
.background{ background-color: rgb(34, 167,  
100) }
```

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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