

Converting Colors

YIQ(94.8510, -46.4380,
-39.4780)

Have a look what the booklet for
YIQ(94.8510, -46.4380, -39.4780)
contains.

YIQ(94.8510, -46.4380, -39.4780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(94.8510, -46.4380,
-39.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	1A854F
RGB	26, 133, 79
RGB Percent	10%, 52%, 31%
CMY	0.8983, 0.4782, 0.6903
CMYK	0.81, 0.00, 0.41, 0.48
HSL	150°, 67%, 31%
HSV	150°, 81%, 52%
XYZ	10.2278, 17.5700, 10.2425
YIQ	94.8510, -46.4380, -39.4780

Conversions

Conversions Part 2

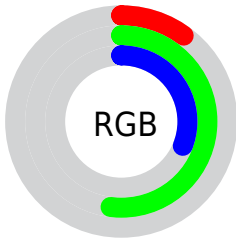
Format	Color
R_{YB}	26, 98, 133
Decimal	1738063
CIE _{Lab}	48.97, -42.22, 21.06
CIE _{LCh}	49, 47.183, 153.492
Yxy	17.5700, 0.2689, 0.4619
Android (android.graphics.Color)	4279928143 (0xFF1A854F)
YUV	94.8510, -7.8145, -60.3823
Hunter-Lab	41.9165, -29.7994, 14.8538

Details

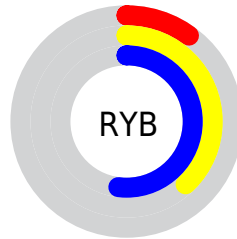
The YIQ color **94.8510, -46.4380, -39.4780** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **64.1490, 46.4380, 39.4780**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.0860, -39.7900, -38.8140**, and **51.8960, -33.1430, -32.6230** is the 20% darker color. If you saturate the color by 10%, you get **90.1660, -51.9390, -44.4110**, and if you desaturate by 10%, it is **99.5360, -40.9370, -34.5450**.

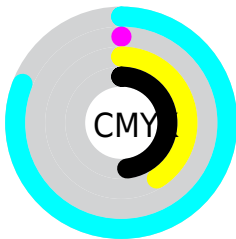
Distribution



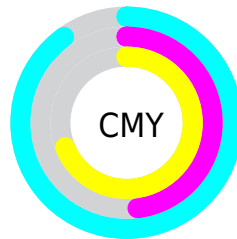
- Red (10%)
- Green (52%)
- Blue (31%)



- Red (10%)
- Yellow (38%)
- Blue (52%)



- Cyan (81%)
- Magenta (0%)
- Yellow (41%)
- Black (48%)



- Cyan (90%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8510, -46.4380, -39.4780 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 94.8510, -46.4380, -39.4780 by changing the saturation by 10% instead.

■ 94.8510, -46.4380,
-39.4780

■ 94.8510, -46.4380,
-39.4780

■ 255.0000, -0.0000,
-0.0000

■ 69.1930, -47.4010,
-38.5450

■ 151.0860,
-39.7900, -38.8140

■ 51.8960, -33.1430,
-32.6230

■ 178.8580,
-39.1480, -39.4360

■ 35.4140, -19.8020,
-26.6020

■ 207.3310,
-39.1020, -40.2700

■ 21.7190, -10.1750,
-19.3510

■ 225.5370,
-33.5100, -31.4780

■ 0.0000, 0.0000,
0.0000

■ 237.5140,
-25.5350, -16.3110

■ 248.1230,

-13.7080, -4.8760

■ 94.8510, -46.4380,
-39.4780

■ 94.8510, -46.4380,
-39.4780

■ 90.1660, -51.9390,
-44.4110

■ 99.5360, -40.9370,
-34.5450

■ 85.5950, -57.7610,
-49.0330

■ 104.4060,
-34.5190, -29.7110

■ 109.0910,
-29.0180, -24.7780

■ 113.7760,
-23.5170, -19.8450

■ 118.4610,
-18.0160, -14.9120

■ 123.3310,
-11.5980, -10.0780

■ 128.0160, -6.0970,
-5.1450

■ 132.7010, -0.5960,
-0.2120

■ 137.5710, 5.8220,
4.6220

Harmonies

Analogous

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



107.1870, 5.4620, -32.9220



94.8510, -46.4380, -39.4780



93.5120, -75.9200, -33.8080

Triad

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



94.8510, -46.4380, -39.4780



101.7650, -76.5690, 5.5030



114.5320, 63.4520, 17.4680

Complementary

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



94.8510, -46.4380, -39.4780



64.1490, 46.4380, 39.4780

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.



115.4670, 54.0500, 33.6820



94.8510, -46.4380, -39.4780



118.9860, -13.4390, 28.8090

Square

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



94.8510, -46.4380, -39.4780



97.6280, -95.7770, -9.8330



119.0420, 27.6860, 37.9100



113.8230, 57.3580, -4.2580

Rectangle

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



94.8510, -46.4380, -39.4780



96.5900, -84.5870, -25.4110



119.0420, 27.6860, 37.9100



114.5630, 62.1670, 24.2390

Sweetspot

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



94.8510, -46.4380, -39.4780



158.3470, -17.6950, -15.2230



105.2540, 3.3550, -44.3010



78.0430, -10.7270, -9.3430



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



94.8510, -46.4380, -39.4780



113.0780, -72.8430, -62.0510



100.7790, -63.1300, -23.3060



63.8640, -2.6130, -2.2050



83.6060, -56.2940, -48.0860



1.8750, -1.1460, -1.2580

Inverse Universe

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



64.1490, 46.4380, 39.4780



64.9220, 72.8430, 62.0510



58.2210, 63.1300, 23.3060



62.1360, 2.6130, 2.2050



46.3940, 56.2940, 48.0860



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 94.8510, -46.4380, -39.4780 looks on a white background.

Color Contrast Check

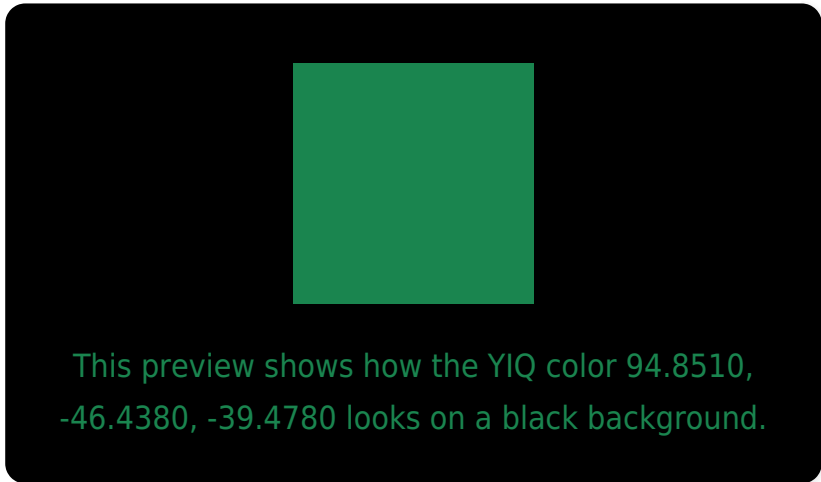
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 94.8510, -46.4380, -39.4780

Background



This preview shows how black text looks on a background with the YIQ color 94.8510, -46.4380, -39.4780.



This preview shows how white text looks on a background with the YIQ color 94.8510, -46.4380,

-39.4780.

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

94.8510, -46.4380, -39.4780

Protanopia

113.9740, 20.0840, -11.5640

Deuteranopia

115.6960, 24.1630, -2.8850



Tritanopia

105.6120, -46.1220, -12.1540

Trichromacy



Original Color

94.8510, -46.4380, -39.4780

Protanomaly

107.0740, -3.9850, -21.4010

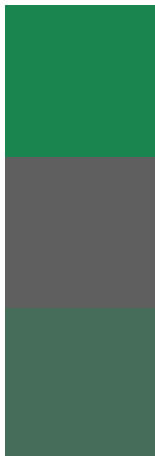
Deuteranomaly

108.2040, -1.2350, -16.1710

Tritanomaly

101.9890, -46.1660, -22.3740

Monochromacy



Original Color

94.8510, -46.4380, -39.4780

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0590, -16.8240, -14.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8510, -46.4380, -39.4780 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(26, 133, 79)` looks like.

```
.text, #text, p{  
    color:rgb(26, 133, 79)  
}
```

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(26, 133, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 133, 79) }
```

Border

The CSS property to change the border of an element to YIQ 94.8510, -46.4380, -39.4780 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(26, 133, 79) }
```


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

```
.border{ border-color:rgb(26, 133, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 133, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 133, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 133, 79);  
box-shadow:4px 4px 4px 4px rgb(26, 133,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8510, -46.4380, -39.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 133, 79) }
```

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

```
.background{ background-color: rgb(26, 133,  
79) }
```

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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