

Converting Colors

YIQ(109.9940, -54.8710,
-57.3590)

Have a look what the booklet for
YIQ(109.9940, -54.8710, -57.3590)
contains.

YIQ(109.9940, -54.8710, -57.3590)	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(109.9940, -54.8710,
-57.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	16A249
RGB	22, 162, 73
RGB Percent	9%, 64%, 29%
CMY	0.9141, 0.3645, 0.7139
CMYK	0.86, 0.00, 0.55, 0.36
HSL	142°, 76%, 36%
HSV	142°, 86%, 64%
XYZ	14.4607, 26.5113, 10.6518
YIQ	109.9940, -54.8710, -57.3590

Conversions

Conversions Part 2

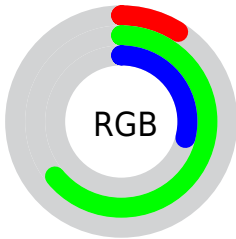
Format	Color
R_{YB}	22, 125, 162
Decimal	1483337
CIE _{Lab}	58.52, -54.28, 36.33
CIE _{LCh}	59, 65.314, 146.208
Yxy	26.5113, 0.2801, 0.5135
Android (android.graphics.Color)	4279673417 (0xFF16A249)
YUV	109.9940, -18.2380, -77.1707
Hunter-Lab	51.4891, -39.9743, 23.7768

Details

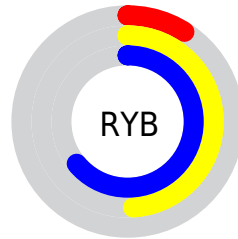
The YIQ color **109.9940, -54.8710, -57.3590** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **74.0060, 54.8710, 57.3590**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8060, -42.5380, -55.0980**, and **66.7190, -37.6790, -49.5430** is the 20% darker color. If you saturate the color by 10%, you get **104.0700, -61.1970, -63.8610**, and if you desaturate by 10%, it is **115.9180, -48.5450, -50.8570**.

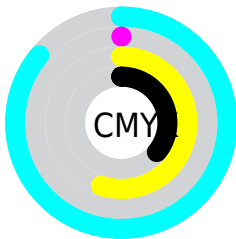
Distribution



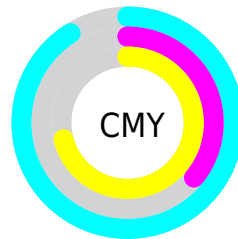
- Red (9%)
- Green (64%)
- Blue (29%)



- Red (9%)
- Yellow (49%)
- Blue (64%)



- Cyan (86%)
- Magenta (0%)
- Yellow (55%)
- Black (36%)





- Cyan (91%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.9940, -54.8710, -57.3590 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 109.9940, -54.8710, -57.3590 by changing the saturation by 10% instead.


 109.9940,
-54.8710, -57.3590

 109.9940,
-54.8710, -57.3590


255.0000, -0.0000,
-0.0000


 84.7170, -52.5330,
-55.6770


 170.5070,
-43.1340, -55.3100


 66.7190, -37.6790,
-49.5430


 199.4640,
-41.5750, -56.0310


 48.7210, -22.8250,
-43.4090

 216.2080,
-34.5620, -45.4580

 34.6330, -16.2250,
-30.8570

 228.0710,
-26.2660, -30.6020

 21.1320, -9.9000,
-18.8280

 240.3470,
-17.6950, -15.2230

 0.0000, 0.0000,
0.0000

 251.7110, -6.5560,

-2.3320

■ 109.9940,
-54.8710, -57.3590

■ 109.9940,
-54.8710, -57.3590

■ 104.0700,
-61.1970, -63.8610

■ 115.9180,
-48.5450, -50.8570

■ 101.8200,
-63.4890, -66.3770

■ 121.9560,
-42.5400, -44.0440

■ 128.1790,
-35.6180, -37.3300

■ 134.1030,
-29.2920, -30.8280

■ 140.0270,
-22.9660, -24.3260

■ 146.0650,
-16.9610, -17.5130

■ 151.9890,
-10.6350, -11.0110

■ 158.2120, -3.7130,
-4.2970

■ 164.2500, 2.2920,
2.5160

Harmonies

Analogous

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



126.7430, 23.6670, -48.9810



109.9940, -54.8710, -57.3590



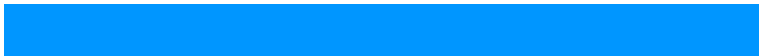
112.9630, -87.9760, -46.6000

Triad

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



109.9940, -54.8710, -57.3590



117.1200, -123.1050, 0.8550



134.7190, 88.3910, 33.5670

Complementary

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



109.9940, -54.8710, -57.3590



74.0060, 54.8710, 57.3590

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.



137.0970, 70.5520, 54.0080



109.9940, -54.8710, -57.3590



140.9140, -39.2990, 34.9170

Square

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



109.9940, -54.8710, -57.3590



121.8840, -119.9850, -11.6410



143.6420, 26.5370, 53.2330



135.5290, 84.7290, 0.8010

Rectangle

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



109.9940, -54.8710, -57.3590



117.5230, -100.8160, -34.1600



143.6420, 26.5370, 53.2330



134.7330, 85.7760, 42.4160

Sweetspot

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



109.9940, -54.8710, -57.3590



191.5650, -21.5450, -22.5450



131.3890, 15.7360, -53.9280



94.7390, -12.9270, -13.5270



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



109.9940, -54.8710, -57.3590



133.2220, -83.0170, -86.9290



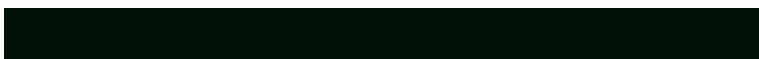
117.7460, -76.6990, -36.2110



78.6250, -3.4380, -3.7740



91.1570, -56.8880, -59.3520



11.3640, -7.1970, -7.2370

Inverse Universe

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



74.0060, 54.8710, 57.3590



78.7780, 83.0170, 86.9290



66.2540, 76.6990, 36.2110



76.3750, 3.4380, 3.7740



53.8430, 56.8880, 59.3520



6.6360, 7.1970, 7.2370

Previews

White Background



This preview shows how the YIQ color 109.9940, -54.8710, -57.3590 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 109.9940, -54.8710, -57.3590 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 109.9940, -54.8710, -57.3590 Background



This preview shows how black text looks on a background with the YIQ color 109.9940, -54.8710, -57.3590.



This preview shows how white text looks on a background with the YIQ color 109.9940, -54.8710, -57.3590.

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

109.9940, -54.8710, -57.3590

Protanopia

136.0490, 32.6940, -19.8340

Deuteranopia

138.1350, 38.7440, -8.3280



Tritanopia

127.7680, -55.4290, -14.1890

Trichromacy



Original Color

109.9940, -54.8710, -57.3590



Protanomaly

126.7350, 0.9230, -33.2610



Deuteranomaly

128.1040, 4.4980, -26.4620



Tritanomaly

121.5700, -55.4720, -29.9360

Monochromacy



Original Color

109.9940, -54.8710, -57.3590



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.1030, -20.1240, -20.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.9940, -54.8710, -57.3590 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(22, 162, 73)` looks like.

```
.text, #text, p{  
    color:rgb(22, 162, 73)  
}
```

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(22, 162, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 162, 73) }
```

Border

The CSS property to change the border of an element to YIQ 109.9940, -54.8710, -57.3590 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(22, 162, 73) }
```


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

```
.border{ border-color:rgb(22, 162, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 162, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 162, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 162, 73);  
box-shadow:4px 4px 4px 4px rgb(22, 162,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 109.9940, -54.8710, -57.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 162, 73) }
```

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

```
.background{ background-color: rgb(22, 162,  
73) }
```

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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