

Converting Colors

YIQ(159.0810, 3.3050, -21.3590)

Have a look what the booklet for
YIQ(159.0810, 3.3050, -21.3590)
contains.

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Color

**YIQ(159.0810, 3.3050,
-21.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	95AC77
RGB	149, 172, 119
RGB Percent	58%, 67%, 47%
CMY	0.4158, 0.3254, 0.5333
CMYK	0.13, 0.00, 0.31, 0.33
HSL	86°, 24%, 57%
HSV	86°, 31%, 67%
XYZ	30.4753, 37.2284, 23.0367
YIQ	159.0810, 3.3050, -21.3590

Conversions

Conversions Part 2

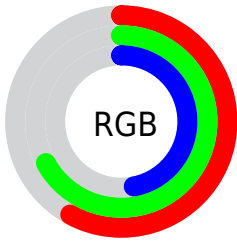
Format	Color
RYB	119, 172, 142
Decimal	9809015
CIELab	67.45, -17.47, 24.70
CIELCh	67, 30.254, 125.268
Yxy	37.2284, 0.3359, 0.4103
Android (android.graphics.Color)	4287999095 (0xFF95AC77)
YUV	159.0810, -19.7599, -8.8410
Hunter-Lab	61.0151, -17.6207, 20.3252

Details

The YIQ color **159.0810, 3.3050, -21.3590** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **131.9190, -3.3050, 21.3590**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8530, 3.9470, -21.9810**, and **107.4230, 2.3420, -20.4260** is the 20% darker color. If you saturate the color by 10%, you get **155.0500, 4.5900, -28.1300**, and if you desaturate by 10%, it is **163.1120, 2.0200, -14.5880**.

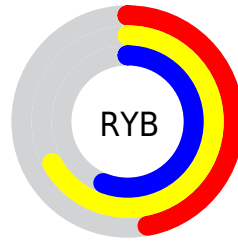
Distribution



Red (58%)

Green (67%)

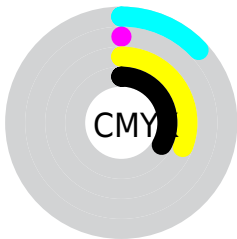
Blue (47%)



Red (47%)

Yellow (67%)

Blue (56%)

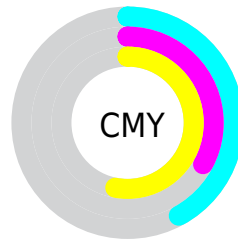


Cyan (13%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (42%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.0810, 3.3050, -21.3590 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 159.0810, 3.3050, -21.3590 by changing the saturation by 10% instead.

 159.0810, 3.3050,
-21.3590

 159.0810, 3.3050,
-21.3590

255.0000, -0.0000,
-0.0000

 132.6080, 3.2590,
-20.5250


 213.8530, 3.9470,
-21.9810

 107.4230, 2.3420,
-20.4260


 241.7390, 4.2680,
-22.2920

 82.9500, 2.2960,
-19.5920

 251.8080, 8.9880,
-8.7080

 59.1780, 1.6540,
-18.9700

 37.1350, 3.2130,
-19.6910

 17.0230, -7.9750,
-15.1670

 0.0000, 0.0000,

0.0000

■ 159.0810, 3.3050,
-21.3590

■ 159.0810, 3.3050,
-21.3590

■ 155.0500, 4.5900,
-28.1300

■ 163.1120, 2.0200,
-14.5880

■ 150.7200, 5.2790,
-35.1130

■ 167.4420, 1.3310,
-7.6050

■ 146.5750, 6.8850,
-42.1950

■ 171.5870, -0.2750,
-0.5230

■ 142.2450, 7.5740,
-49.1780

■ 175.9170, -0.9640,
6.4600

■ 138.2140, 8.8590,
-55.9490

■ 179.9480, -2.2490,
13.2310

■ 133.8840, 9.5480,
-62.9320

■ 184.2780, -2.9380,
20.2140

■ 129.9670, 10.5120,
-69.3920

■ 188.3090, -4.2230,
26.9850

■ 192.5250, -4.5910,
33.6570

■ 194.6180, -0.4190,
35.1410

Harmonies

Analogous

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



162.3290, 26.2740, -13.6140



159.0810, 3.3050, -21.3590



154.9560, -24.2040, -23.9160

Triad

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



159.0810, 3.3050, -21.3590



154.5370, -58.7320, -3.8840



167.6510, 38.3720, 20.4520

Complementary

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



159.0810, 3.3050, -21.3590



131.9190, -3.3050, 21.3590

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.



168.4180, 20.2150, 24.6230



159.0810, 3.3050, -21.3590



162.0720, -34.8930, 10.1230

Square

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



159.0810, 3.3050, -21.3590



148.8420, -67.4410, -16.7610



167.4240, -6.2850, 20.2990



166.1490, 45.2970, 10.5850

Rectangle

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



159.0810, 3.3050, -21.3590



151.9030, -43.0480, -23.8160



167.4240, -6.2850, 20.2990



167.8940, 33.3740, 22.9260

Sweetspot

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



159.0810, 3.3050, -21.3590



219.3280, 1.6520, -7.9160



148.3480, 25.2630, -0.7930



109.1370, 0.8720, -4.7920



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.



159.0810, 3.3050, -21.3590



203.7740, 5.1870, -33.4450



151.3070, -12.1910, -26.8710



84.7780, 0.5050, -3.6470



113.4650, 9.4100, -60.4300



17.3880, 1.4230, -9.2730

Inverse Universe

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



131.9190, -3.3050, 21.3590



161.2260, -5.1870, 33.4450



139.6930, 12.1910, 26.8710



80.2220, -0.5050, 3.6470



36.5350, -9.4100, 60.4300



5.6120, -1.4230, 9.2730

Previews

White Background



This preview shows how the YIQ color 159.0810, 3.3050, -21.3590 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 159.0810, 3.3050, -21.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

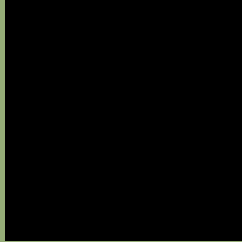
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.0810, 3.3050, -21.3590

Background



This preview shows how black text looks on a background with the YIQ color 159.0810, 3.3050, -21.3590.



This preview shows how white text looks on a background with the YIQ color 159.0810, 3.3050, -21.3590.

-21.3590.

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

159.0810, 3.3050, -21.3590

Protanopia

162.4150, 23.1560, -12.1720

Deuteranopia

163.7740, 32.6910, -3.2530



Tritanopia

164.0900, -8.9410, 2.3470

Trichromacy



Original Color

159.0810, 3.3050, -21.3590

Protanomaly

161.3000, 16.0500, -15.5500

Deuteranomaly

161.8110, 22.1010, -9.5710

Tritanomaly

162.5600, -4.8130, -6.3890

Monochromacy



Original Color

159.0810, 3.3050, -21.3590

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0290, 1.0560, -8.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0810, 3.3050, -21.3590 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(149, 172, 119)` looks like.

```
.text, #text, p{  
    color:rgb(149, 172, 119)  
}
```

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(149, 172, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 172, 119) }
```

Border

The CSS property to change the border of an element to YIQ 159.0810, 3.3050, -21.3590 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(149, 172, 119) }
```


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

```
.border{ border-color:rgb(149, 172, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 172, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 172, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 172, 119);  
box-shadow:4px 4px 4px 4px rgb(149, 172,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0810, 3.3050, -21.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 172, 119) }
```

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

```
.background{ background-color: rgb(149,  
172, 119) }
```

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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