

Converting Colors

YIQ(158.3510, 2.8450, -13.0190)

Have a look what the booklet for
YIQ(158.3510, 2.8450, -13.0190)
contains.

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Color

**YIQ(158.3510, 2.8450,
-13.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	99A685
RGB	153, 166, 133
RGB Percent	60%, 65%, 52%
CMY	0.4000, 0.3490, 0.4784
CMYK	0.08, 0.00, 0.20, 0.35
HSL	84°, 16%, 59%
HSV	84°, 20%, 65%
XYZ	31.0059, 35.7391, 27.4579
YIQ	158.3510, 2.8450, -13.0190

Conversions

Conversions Part 2

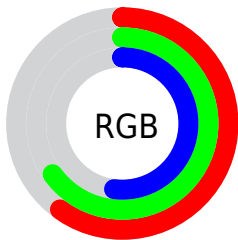
Format	Color
RYB	133, 166, 146
Decimal	10069637
CIELab	66.32, -10.63, 15.57
CIELCh	66, 18.858, 124.321
Yxy	35.7391, 0.3291, 0.3794
Android (android.graphics.Color)	4288259717 (0xFF99A685)
YUV	158.3510, -12.4980, -4.6928
Hunter-Lab	59.7822, -12.0404, 14.6158

Details

The YIQ color **158.3510, 2.8450, -13.0190** is a light color, and the websafe version is hex **999966**. A complement of this color would be **140.6490, -2.8450, 13.0190**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1230, 3.4870, -13.6410**, and **106.8780, 2.7990, -12.1850** is the 20% darker color. If you saturate the color by 10%, you get **154.3200, 4.1300, -19.7900**, and if you desaturate by 10%, it is **162.3820, 1.5600, -6.2480**.

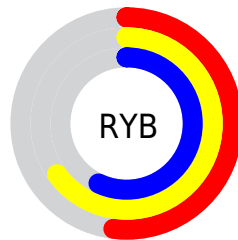
Distribution



Red (60%)

Green (65%)

Blue (52%)



Red (52%)

Yellow (65%)

Blue (57%)

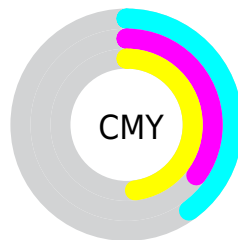


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.3510, 2.8450, -13.0190 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 158.3510, 2.8450, -13.0190 by changing the saturation by 10% instead.

■ 158.3510, 2.8450,
-13.0190

■ 158.3510, 2.8450,
-13.0190

■ 255.0000, -0.0000,
-0.0000

■ 132.4650, 2.5240,
-12.7080

■ 212.8240, 2.8910,
-13.8530

■ 106.8780, 2.7990,
-12.1850

■ 241.7100, 3.2120,
-14.1640

■ 82.9920, 2.4780,
-11.8740

■ 253.5180, 4.1730,
-4.0430

■ 59.2200, 1.8360,
-11.2520

■ 37.6330, 2.1110,
-10.7290

■ 16.4800, -1.8320,
-10.8560

■ 0.0000, 0.0000,

0.0000

■ 158.3510, 2.8450,
-13.0190

■ 158.3510, 2.8450,
-13.0190

■ 154.3200, 4.1300,
-19.7900

■ 162.3820, 1.5600,
-6.2480

■ 150.7020, 5.6900,
-26.0380

■ 166.0000, -0.0000,
0.0000

■ 146.6710, 6.9750,
-32.8090

■ 170.0310, -1.2850,
6.7710

■ 143.0530, 8.5350,
-39.0570

■ 173.6490, -2.8450,
13.0190

■ 139.0220, 9.8200,
-45.8280

■ 177.6800, -4.1300,
19.7900

■ 135.2900, 11.7010,
-52.3870

■ 181.4120, -6.0110,
26.3490

■ 131.3730, 12.6650,
-58.8470

■ 185.3290, -6.9750,
32.8090

■ 127.6410, 14.5460,
-65.4060

■ 187.8070, -5.3250,
35.9470

■ 127.3420, 13.9500,
-65.6180

■ 189.9000, -1.1530,
37.4310

Harmonies

Analogous

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



160.5270, 17.1490, -7.9310



158.3510, 2.8450, -13.0190



156.5000, -13.7520, -15.0960

Triad

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



158.3510, 2.8450, -13.0190



157.1780, -32.7360, -1.4400



163.8940, 24.2060, 12.8620

Complementary

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



158.3510, 2.8450, -13.0190



140.6490, -2.8450, 13.0190

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.



164.0160, 12.2390, 14.9830



158.3510, 2.8450, -13.0190



160.6790, -20.7250, 6.6590

Square

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



158.3510, 2.8450, -13.0190



154.6950, -35.9900, -8.5500



163.0510, -4.0370, 12.5950



163.5430, 29.3880, 7.0520

Rectangle

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



158.3510, 2.8450, -13.0190



155.0520, -24.1140, -14.5300



163.0510, -4.0370, 12.5950



164.5670, 20.8130, 13.7810

Sweetspot

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



158.3510, 2.8450, -13.0190



214.0230, 1.1930, -5.1030



150.4980, 16.0930, 0.1970



108.1910, 0.7800, -3.1240



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.



158.3510, 2.8450, -13.0190



204.7930, 4.1760, -20.6240



153.5670, -6.6910, -16.4110



82.1910, 0.7800, -3.1240



113.7860, 12.9400, -58.3240



15.3280, 1.6520, -7.9160

Inverse Universe

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



140.6490, -2.8450, 13.0190



176.9080, -4.7720, 20.4120



145.4330, 6.6910, 16.4110



77.8090, -0.7800, 3.1240



34.2140, -12.9400, 58.3240



4.6720, -1.6520, 7.9160

Previews

White Background



This preview shows how the YIQ color 158.3510, 2.8450, -13.0190 looks on a white background.

Color Contrast Check

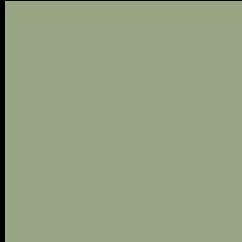
Large Text (above 18pt) WCAG AA × Fail

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 158.3510, 2.8450, -13.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

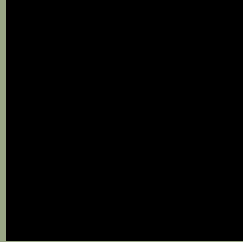
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.3510, 2.8450, -13.0190

Background



This preview shows how black text looks on a background with the YIQ color 158.3510, 2.8450, -13.0190.



This preview shows how white text looks on a background with the YIQ color 158.3510, 2.8450,

-13.0190.

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

158.3510, 2.8450, -13.0190

Protanopia

160.4560, 15.9110, -7.5210

Deuteranopia

161.9890, 24.8960, 0.3520



Tritanopia

161.7700, -5.0440, 3.3080

Trichromacy



Original Color

158.3510, 2.8450, -13.0190

Protanomaly

159.6510, 10.8680, -9.7400

Deuteranomaly

160.6350, 16.9650, -4.5950

Tritanomaly

160.6360, -1.9710, -2.8270

Monochromacy



Original Color

158.3510, 2.8450, -13.0190

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.1370, 0.8720, -4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.3510, 2.8450, -13.0190 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(153, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(153, 166, 133)  
}
```

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(153, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 166, 133) }
```

Border

The CSS property to change the border of an element to YIQ 158.3510, 2.8450, -13.0190 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(153, 166, 133) }
```


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

```
.border{ border-color:rgb(153, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(153, 166,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 158.3510, 2.8450, -13.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 166, 133) }
```

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

```
.background{ background-color: rgb(153,  
166, 133) }
```

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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