

Converting Colors

YIQ(158.1380, 25.4940,
-10.4900)

Have a look what the booklet for
YIQ(158.1380, 25.4940, -10.4900)
contains.

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Color

**YIQ(158.1380, 25.4940,
-10.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	B09E70
RGB	176, 158, 112
RGB Percent	69%, 62%, 44%
CMY	0.3098, 0.3804, 0.5606
CMYK	0.00, 0.10, 0.36, 0.31
HSL	43°, 29%, 56%
HSV	43°, 36%, 69%
XYZ	33.0574, 34.8523, 20.3243
YIQ	158.1380, 25.4940, -10.4900

Conversions

Conversions Part 2

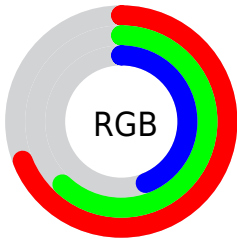
Format	Color
RYB	137, 176, 112
Decimal	11574896
CIELab	65.63, -0.24, 26.45
CIELCh	66, 26.448, 90.526
Yxy	34.8523, 0.3747, 0.3950
Android (android.graphics.Color)	4289764976 (0xFFB09E70)
YUV	158.1380, -22.7460, 15.6650
Hunter-Lab	59.0358, -3.3605, 20.9133

Details

The YIQ color **158.1380, 25.4940, -10.4900** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129.8620, -25.4940, 10.4900**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0950, 27.0530, -11.2110**, and **106.4690, 23.0640, -10.5040** is the 20% darker color. If you saturate the color by 10%, you get **153.1510, 32.6470, -13.4730**, and if you desaturate by 10%, it is **163.1250, 18.3410, -7.5070**.

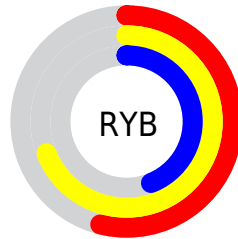
Distribution



Red (69%)

Green (62%)

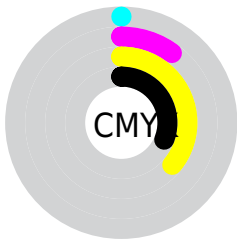
Blue (44%)



Red (54%)

Yellow (69%)

Blue (44%)

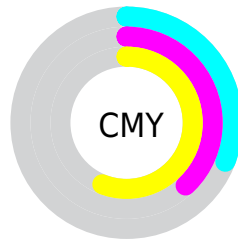


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.1380, 25.4940, -10.4900 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 158.1380, 25.4940, -10.4900 by changing the saturation by 10% instead.

■ 158.1380, 25.4940,
-10.4900

■ 158.1380, 25.4940,
-10.4900

■ 255.0000, -0.0000,
-0.0000

■ 131.9530, 24.5770,
-10.3910

■ 212.5080, 27.3280,
-10.6880

■ 106.4690, 23.0640,
-10.5040

■ 239.4860, 24.3940,
-12.5820

■ 82.3980, 21.8260,
-10.0940

■ 250.8960, 11.5560,
-11.1960

■ 58.9140, 20.3130,
-10.2070

■ 254.2020, 2.2470,
-2.1770

■ 36.9570, 18.7540,
-9.4860

■ 18.0410, 9.9500,
-4.1140

■ 0.0000, 0.0000,

0.0000

■ 158.1380, 25.4940,
-10.4900

■ 158.1380, 25.4940,
-10.4900

■ 153.1510, 32.6470,
-13.4730

■ 163.1250, 18.3410,
-7.5070

■ 148.2780, 39.4790,
-16.1450

■ 167.9980, 11.5090,
-4.8350

■ 143.2910, 46.6320,
-19.1280

■ 172.9850, 4.3560,
-1.8520

■ 138.4180, 53.4640,
-21.8000

■ 177.8580, -2.4760,
0.8200

■ 133.4310, 60.6170,
-24.7830

■ 182.8450, -9.6290,
3.8030

■ 128.4440, 67.7700,
-27.7660

■ 187.8320,
-16.7820, 6.7860

■ 126.5860, 70.2460,
-28.5860

■ 192.7050,
-23.6140, 9.4580

■ 197.6920,
-30.7670, 12.4410

■ 200.8550,
-32.7840, 10.4480

Harmonies

Analogous

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



160.2200, 37.3670, 0.1110



158.1380, 25.4940, -10.4900



155.4560, 6.7430, -17.5850

Triad

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



158.1380, 25.4940, -10.4900



147.5400, -54.7870, -14.8110



163.3740, 14.3470, 20.8350

Complementary

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



158.1380, 25.4940, -10.4900



129.8620, -25.4940, 10.4900

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.



161.3480, -9.1270, 16.7370



158.1380, 25.4940, -10.4900



151.0170, -51.3960, -4.6760

Square

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



158.1380, 25.4940, -10.4900



148.9790, -40.2060, -20.2540



156.8610, -32.9210, 7.4230



162.8890, 31.7700, 18.9540

Rectangle

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



158.1380, 25.4940, -10.4900



153.3770, -9.2120, -20.2840



156.8610, -32.9210, 7.4230



162.9540, 6.7820, 20.2700

Sweetspot

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



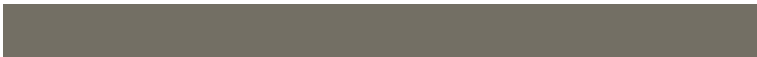
158.1380, 25.4940, -10.4900



222.3400, 10.5460, -3.9020



133.1880, 32.3660, 19.1660



110.9420, 5.9150, -2.5730



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



158.1380, 25.4940, -10.4900



201.4630, 40.3960, -16.2440



164.5180, 12.2000, -22.8720



86.8000, 3.4390, -1.7530



110.3170, 60.9380, -25.0940



18.3400, 10.5460, -3.9020

Inverse Universe

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



129.8620, -25.4940, 10.4900



156.9500, -40.1210, 16.7670



123.4820, -12.2000, 22.8720



82.7870, -3.7140, 1.2300



42.6830, -60.9380, 25.0940



7.0730, -10.2710, 4.4250

Previews

White Background



This preview shows how the YIQ color 158.1380, 25.4940, -10.4900 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 158.1380, 25.4940, -10.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

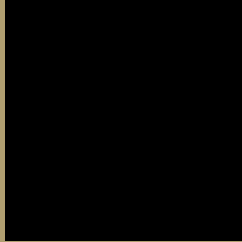
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.1380, 25.4940, -10.4900

Background



This preview shows how black text looks on a background with the YIQ color 158.1380, 25.4940, -10.4900.



This preview shows how white text looks on a background with the YIQ color 158.1380, 25.4940, -10.4900.

-10.4900.

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

158.1380, 25.4940, -10.4900

Protanopia

157.6430, 22.5140, -11.5500

Deuteranopia

159.5030, 34.8920, -4.5960



Tritanopia

161.6370, 14.6240, 10.3040

Trichromacy



Original Color

158.1380, 25.4940, -10.4900

Protanomaly

157.9420, 23.1100, -11.3380

Deuteranomaly

159.1820, 31.3620, -6.7020

Tritanomaly

160.6340, 18.7060, 2.4020

Monochromacy



Original Color

158.1380, 25.4940, -10.4900

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.1550, 9.6290, -3.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.1380, 25.4940, -10.4900 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(176, 158, 112)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 112)  
}
```

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(176, 158, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 112) }
```

Border

The CSS property to change the border of an element to YIQ 158.1380, 25.4940, -10.4900 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(176, 158, 112) }
```


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

```
.border{ border-color:rgb(176, 158, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 158, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 158, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 158, 112);  
box-shadow:4px 4px 4px 4px rgb(176, 158,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 158.1380, 25.4940, -10.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 112) }
```

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

```
.background{ background-color: rgb(176,  
158, 112) }
```

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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