

Converting Colors

YIQ(166.4900, 18.5710,
-11.6770)

Have a look what the booklet for
YIQ(166.4900, 18.5710, -11.6770)
contains.

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Color

**YIQ(166.4900, 18.5710,
-11.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A97E
RGB	177, 169, 126
RGB Percent	69%, 66%, 49%
CMY	0.3059, 0.3373, 0.5058
CMYK	0.00, 0.05, 0.29, 0.31
HSL	51°, 25%, 59%
HSV	51°, 29%, 69%
XYZ	36.0860, 39.2286, 25.4178
YIQ	166.4900, 18.5710, -11.6770

Conversions

Conversions Part 2

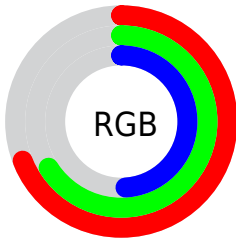
Format	Color
RYB	135, 177, 126
Decimal	11643262
CIELab	68.92, -3.97, 23.26
CIELCh	69, 23.597, 99.681
Yxy	39.2286, 0.3582, 0.3894
Android (android.graphics.Color)	4289833342 (0xFFB1A97E)
YUV	166.4900, -19.9616, 9.2173
Hunter-Lab	62.6327, -6.7641, 19.7816

Details

The YIQ color **166.4900, 18.5710, -11.6770** is a light color, and the websafe version is hex **999966**. A complement of this color would be **136.5100, -18.5710, 11.6770**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5610, 19.8090, -12.0870**, and **114.5330, 17.0120, -10.9560** is the 20% darker color. If you saturate the color by 10%, you get **162.6770, 25.1740, -15.7060**, and if you desaturate by 10%, it is **170.3030, 11.9680, -7.6480**.

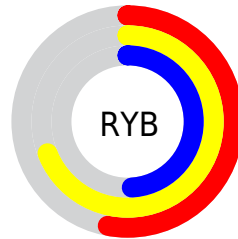
Distribution



Red (69%)

Green (66%)

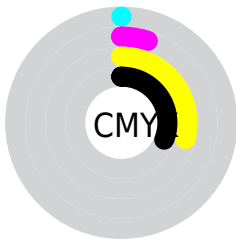
Blue (49%)



Red (53%)

Yellow (69%)

Blue (49%)

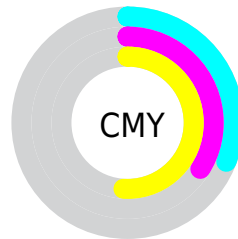


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.4900, 18.5710, -11.6770 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 166.4900, 18.5710, -11.6770 by changing the saturation by 10% instead.


 166.4900, 18.5710,
-11.6770


 166.4900, 18.5710,
-11.6770


255.0000, -0.0000,
-0.0000


 140.3050, 17.6540,
-11.5780


 221.5610, 19.8090,
-12.0870


 114.5330, 17.0120,
-10.9560


 248.3540, 15.9580,
-13.8820

 89.3480, 16.0950,
-10.8570

 252.7200, 6.4200,
-6.2200

 66.1630, 15.1780,
-10.7580

 43.5650, 13.9860,
-11.1820

 23.9330, 10.1340,
-7.4500

 0.0000, 0.0000,

0.0000

■ 166.4900, 18.5710,
-11.6770

■ 166.4900, 18.5710,
-11.6770

■ 162.6770, 25.1740,
-15.7060

■ 170.3030, 11.9680,
-7.6480

■ 158.9780, 31.4560,
-19.4240

■ 174.0020, 5.6860,
-3.9300

■ 155.7520, 37.7840,
-23.9760

■ 177.2280, -0.6420,
0.6220

■ 151.9390, 44.3870,
-28.0050

■ 181.0410, -7.2450,
4.6510

■ 148.2400, 50.6690,
-31.7230

■ 184.8540,
-13.8480, 8.6800

■ 144.4270, 57.2720,
-35.7520

■ 188.5530,
-20.1300, 12.3980

■ 141.2010, 63.6000,
-40.3040

■ 191.7790,
-26.4580, 16.9500

■ 140.3860, 64.5170,
-40.4030

■ 194.1100,
-28.8880, 16.9360

■ 195.8710,
-29.7130, 15.3670

Harmonies

Analogous

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



168.7030, 31.4530, -2.8430



166.4900, 18.5710, -11.6770



163.8620, -0.2720, -17.1040

Triad

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



166.4900, 18.5710, -11.6770



159.2960, -48.0480, -10.2880



171.9460, 18.4280, 18.4600

Complementary

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



166.4900, 18.5710, -11.6770



136.5100, -18.5710, 11.6770

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.



170.6540, -1.2410, 16.9910



166.4900, 18.5710, -11.6770



162.9260, -40.7140, -0.0260

Square

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



166.4900, 18.5710, -11.6770



158.7990, -39.5190, -16.1830



168.0040, -23.0180, 9.6700



171.3680, 31.6790, 15.0950

Rectangle

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



166.4900, 18.5710, -11.6770



162.0930, -14.1640, -18.6440



168.0040, -23.0180, 9.6700



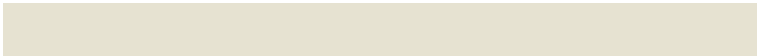
171.8360, 12.9260, 19.0540

Sweetspot

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



166.4900, 18.5710, -11.6770



225.2580, 7.8410, -4.4390



142.2750, 27.5070, 13.6110



112.3440, 4.7230, -2.9970



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.



166.4900, 18.5710, -11.6770



213.1350, 29.5760, -18.3920



166.1030, 6.2390, -19.4650



87.3870, 3.1640, -2.2760



121.4700, 55.7130, -35.0310



20.1010, 9.7210, -5.4710

Inverse Universe

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



136.5100, -18.5710, 11.6770



165.8650, -29.5760, 18.3920



136.8970, -6.2390, 19.4650



82.2000, -3.4390, 1.7530



31.5300, -55.7130, 35.0310



5.3120, -9.4460, 5.9940

Previews

White Background



This preview shows how the YIQ color 166.4900, 18.5710, -11.6770 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 166.4900, 18.5710, -11.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

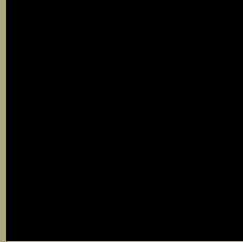
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.4900, 18.5710, -11.6770

Background



This preview shows how black text looks on a background with the YIQ color 166.4900, 18.5710, -11.6770.



This preview shows how white text looks on a background with the YIQ color 166.4900, 18.5710,

-11.6770.

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

166.4900, 18.5710, -11.6770

Protanopia

166.8000, 20.6340, -10.5180

Deuteranopia

168.3010, 32.6450, -2.4190



Tritanopia

169.7610, 8.3430, 8.4950

Trichromacy



Original Color

166.4900, 18.5710, -11.6770

Protanomaly

166.5010, 20.0380, -10.7300

Deuteranomaly

167.5560, 27.3730, -5.9950

Tritanomaly

168.8720, 12.1040, 0.9040

Monochromacy



Original Color

166.4900, 18.5710, -11.6770

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.4900, 18.5710, -11.6770 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(177, 169, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 126)  
}
```

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(177, 169, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 126) }
```

Border

The CSS property to change the border of an element to YIQ 166.4900, 18.5710, -11.6770 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(177, 169, 126) }
```


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

```
.border{ border-color:rgb(177, 169, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 169, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 169, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 169, 126);  
box-shadow:4px 4px 4px 4px rgb(177, 169,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 166.4900, 18.5710, -11.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 126) }
```

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

```
.background{ background-color: rgb(177,  
169, 126) }
```

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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