

Converting Colors

YIQ(178.3300, 16.5060, -1.7820)

Have a look what the booklet for
YIQ(178.3300, 16.5060, -1.7820)
contains.

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Color

**YIQ(178.3300, 16.5060,
-1.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AF9D
RGB	193, 175, 157
RGB Percent	76%, 69%, 62%
CMY	0.2431, 0.3137, 0.3842
CMYK	0.00, 0.09, 0.19, 0.24
HSL	30°, 22%, 69%
HSV	30°, 19%, 76%
XYZ	43.4104, 44.4305, 38.1953
YIQ	178.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

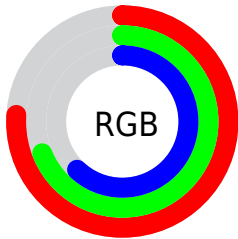
Format	Color
RYB	193, 193, 157
Decimal	12693405
CIELab	72.52, 3.52, 11.56
CIELCh	73, 12.085, 73.053
Yxy	44.4305, 0.3444, 0.3525
Android (android.graphics.Color)	4290883485 (0xFFC1AF9D)
YUV	178.3300, -10.5157, 12.8656
Hunter-Lab	66.6562, -0.3988, 12.6850

Details

The YIQ color **178.3300, 16.5060, -1.7820** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171.6700, -16.5060, 1.7820**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.9280, 17.6980, -1.3580**, and **125.8460, 14.9930, -1.8950** is the 20% darker color. If you saturate the color by 10%, you get **170.2940, 25.3550, -2.4610**, and if you desaturate by 10%, it is **186.3660, 7.6570, -1.1030**.

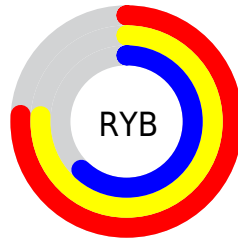
Distribution



Red (76%)

Green (69%)

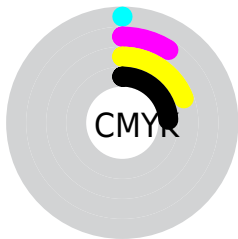
Blue (62%)



Red (76%)

Yellow (76%)

Blue (62%)

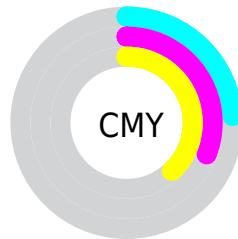


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.3300, 16.5060, -1.7820 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 178.3300, 16.5060, -1.7820 by changing the saturation by 10% instead.


 178.3300, 16.5060,
-1.7820

 178.3300, 16.5060,
-1.7820


255.0000, -0.0000,
-0.0000


 151.4440, 16.1850,
-1.4710


 233.9280, 17.6980,
-1.3580


 125.8460, 14.9930,
-1.8950

 253.2900, 4.8150,
-4.6650

 100.6610, 14.0760,
-1.7960

 76.7750, 13.7550,
-1.4850

 53.5900, 12.8380,
-1.3860

 31.9920, 11.6460,
-1.8100

 9.5020, 10.2700,

1.1020

■ 0.0000, 0.0000,
0.0000

■ 178.3300, 16.5060,
-1.7820

■ 178.3300, 16.5060,
-1.7820

■ 170.2940, 25.3550,
-2.4610

■ 186.3660, 7.6570,
-1.1030

■ 162.7310, 34.2500,
-3.9740

■ 193.9290, -1.2380,
0.4100

■ 154.6950, 43.0990,
-4.6530

■ 201.9650,
-10.0870, 1.0890

■ 146.6590, 51.9480,
-5.3320

■ 210.0010,
-18.9360, 1.7680

■ 139.2100, 60.5220,
-6.5340

■ 217.5640,
-27.8310, 3.2810

■ 131.0600, 69.6920,
-7.5240

■ 223.5480,
-30.9020, -1.6380

■ 123.0240, 78.5410,
-8.2030

■ 229.4180,
-33.6520, -6.8680

■ 115.5750, 87.1150,
-9.4050

■ 234.7010,
-36.1270, -11.5750

■ 114.0590, 88.6280,
-9.2920

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



179.3460, 19.5770, 3.1370



178.3300, 16.5060, -1.7820



177.2750, 9.1710, -6.5170

Triad

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



178.3300, 16.5060, -1.7820



173.9050, -19.0260, -7.6180



179.8680, 0.7320, 8.7640

Complementary

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



178.3300, 16.5060, -1.7820



171.6700, -16.5060, 1.7820

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.



178.0130, -10.0420, 5.7820



178.3300, 16.5060, -1.7820



174.4580, -21.9610, -3.9850

Square

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



178.3300, 16.5060, -1.7820



174.7440, -11.3230, -9.5550



176.4740, -18.8900, 0.9340



180.3700, 11.0020, 9.8660

Rectangle

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



178.3300, 16.5060, -1.7820



176.1000, 2.2940, -8.5380



176.4740, -18.8900, 0.9340



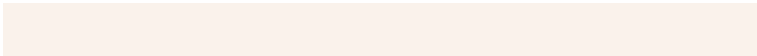
179.4870, -2.5690, 8.0150

Sweetspot

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



178.3300, 16.5060, -1.7820



243.5940, 7.0150, -0.4810



169.9300, 15.3570, 13.5410



121.6260, 3.9890, -0.7070



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



178.3300, 16.5060, -1.7820



227.2940, 25.3550, -2.4610



188.3090, 11.8310, -10.6730



92.9250, 4.5850, -0.4950



95.0990, 73.9560, -7.7080



19.8460, 14.9930, -1.8950

Inverse Universe

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



171.6700, -16.5060, 1.7820



217.1190, -25.0800, 2.9840



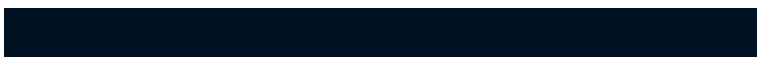
161.6910, -11.8310, 10.6730



91.0750, -4.5850, 0.4950



65.3140, -73.6810, 8.2310



13.7410, -15.2680, 1.3720

Previews

White Background



This preview shows how the YIQ color 178.3300, 16.5060, -1.7820 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 178.3300, 16.5060, -1.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

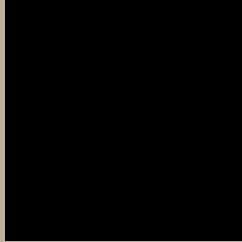
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.3300, 16.5060, -1.7820

Background



This preview shows how black text looks on a background with the YIQ color 178.3300, 16.5060, -1.7820.



This preview shows how white text looks on a background with the YIQ color 178.3300, 16.5060,

-1.7820.

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

178.3300, 16.5060, -1.7820

Protanopia

177.5250, 11.4630, -4.0010

Deuteranopia

178.7870, 22.6490, 2.5290



Tritanopia

180.2560, 11.3230, 9.5550

Trichromacy



Original Color

178.3300, 16.5060, -1.7820

Protanomaly

177.8350, 13.5260, -2.8420

Deuteranomaly

178.4770, 20.5860, 1.3700

Tritanomaly

179.4040, 13.6620, 5.7100

Monochromacy



Original Color

178.3300, 16.5060, -1.7820

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.9960, 5.8230, -0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3300, 16.5060, -1.7820 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(193, 175, 157)` looks like.

```
.text, #text, p{  
    color:rgb(193, 175, 157)  
}
```

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(193, 175, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 175, 157) }
```

Border

The CSS property to change the border of an element to YIQ 178.3300, 16.5060, -1.7820 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(193, 175, 157) }
```


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

```
.border{ border-color:rgb(193, 175, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 175, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 175, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 175, 157);  
box-shadow:4px 4px 4px 4px rgb(193, 175,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3300, 16.5060, -1.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 175, 157) }
```

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

```
.background{ background-color: rgb(193,  
175, 157) }
```

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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