

# Converting Colors

YIQ(178.9060, 33.1000, 16.8760)

Have a look what the booklet for  
YIQ(178.9060, 33.1000, 16.8760)  
contains.

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# Color

**YIQ(178.9060, 33.1000,  
16.8760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD9FAB
RGB	221, 159, 171
RGB Percent	87%, 62%, 67%
CMY	0.1332, 0.3766, 0.3293
CMYK	0.00, 0.28, 0.23, 0.13
HSL	348°, 48%, 75%
HSV	348°, 28%, 87%
XYZ	49.5781, 43.1071, 44.2511
YIQ	178.9060, 33.1000, 16.8760

# Conversions

## Conversions Part 2

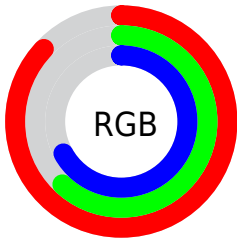
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 159, 171
Decimal	14524331
CIE <sub>Lab</sub>	71.63, 24.78, 2.94
CIE <sub>LCh</sub>	72, 24.957, 6.760
Yxy	43.1071, 0.3621, 0.3148
Android (android.graphics.Color)	4292714411 (0xFFDD9FAB)
YUV	178.9060, -3.8977, 36.9164
Hunter-Lab	65.6560, 19.8908, 5.9987

# Details

The YIQ color **178.9060, 33.1000, 16.8760** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.0940, -33.1000, -16.8760**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.6270, 20.5840, 12.4240**, and **125.7100, 30.7160, 16.0280** is the 20% darker color. If you saturate the color by 10%, you get **163.9400, 44.9280, 22.7840**, and if you desaturate by 10%, it is **193.8720, 21.2720, 10.9680**.

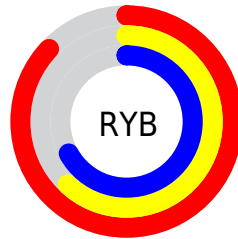
# Distribution



Red (87%)

Green (62%)

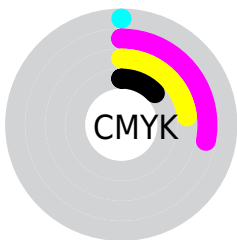
Blue (67%)



Red (87%)

Yellow (62%)

Blue (67%)

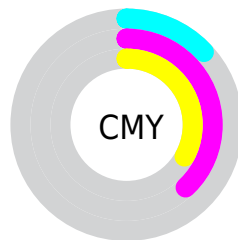


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (38%)


Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 178.9060, 33.1000, 16.8760 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 178.9060, 33.1000, 16.8760 by changing the saturation by 10% instead.





 178.9060, 33.1000,  
16.8760


 178.9060, 33.1000,  
16.8760


255.0000, -0.0000,  
-0.0000


 152.3080, 31.9080,  
16.4520


 227.6270, 20.5840,  
12.4240


 125.7100, 30.7160,  
16.0280

 247.9560, 3.3000,  
6.2760

 100.1120, 29.5240,  
15.6040

 75.3290, 27.4150,  
15.2790

 51.7310, 26.2230,  
14.8550

 29.0620, 23.7930,  
14.8410

 12.2590, 24.4360,

8.6920

■ 0.0000, 0.0000,  
0.0000

■ 178.9060, 33.1000,  
16.8760

■ 178.9060, 33.1000,  
16.8760

■ 163.9400, 44.9280,  
22.7840

■ 193.8720, 21.2720,  
10.9680

■ 148.9740, 56.7560,  
28.6920

■ 208.8380, 9.4440,  
5.0600

■ 134.1220, 68.2630,  
34.9110

■ 223.6900, -2.0630,  
-1.1590

■ 119.1560, 80.0910,  
40.8190

■ 238.6560,  
-13.8910, -7.0670

■ 103.6030, 92.1940,  
47.2500

■ 244.8340,  
-20.2640, -7.2080

■ 88.6370, 104.0220,  
53.1580

■ 73.6710, 115.8500,  
59.0660

■ 70.9810, 117.9130,  
60.2250

# Harmonies

## Analogous

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



179.1140, 18.0150, 20.4390



178.9060, 33.1000, 16.8760



177.8600, 38.7410, 8.2530

# Triad

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



178.9060, 33.1000, 16.8760



171.1180, 1.8830, -17.6130



169.5340, -45.4820, -1.7220

# Complementary

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



178.9060, 33.1000, 16.8760



201.0940, -33.1000, -16.8760

# 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.



165.6870, -50.7070, -11.6590



178.9060, 33.1000, 16.8760



168.3310, -20.7660, -20.1420

# Square

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



178.9060, 33.1000, 16.8760



174.0450, 21.3220, -11.9740



165.2610, -40.9400, -17.9640



174.7370, -26.6400, 9.2320



# Rectangle

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



178.9060, 33.1000, 16.8760



176.8610, 37.0000, 1.2560



165.2610, -40.9400, -17.9640



167.5720, -48.6450, -4.9730

# Sweetspot

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



178.9060, 33.1000, 16.8760



241.4360, 10.6360, 5.4840



181.0180, 9.8980, 29.8820



119.1150, 7.1060, 3.3780



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



178.9060, 33.1000, 16.8760



195.9510, 46.3950, 23.7310



188.6910, 31.7270, 3.2070



102.5170, 5.9140, 2.9540



55.6030, 92.1940, 47.2500



14.7800, 24.5270, 12.5510



# Inverse Universe

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



178.9060, 33.1000, 16.8760



195.9510, 46.3950, 23.7310



191.3090, -31.7270, -3.2070



102.5170, 5.9140, 2.9540



55.6030, 92.1940, 47.2500



14.7800, 24.5270, 12.5510



# Previews

## White Background



This preview shows how the YIQ color 178.9060, 33.1000, 16.8760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

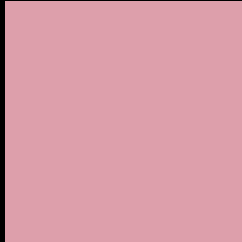
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 178.9060, 33.1000, 16.8760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

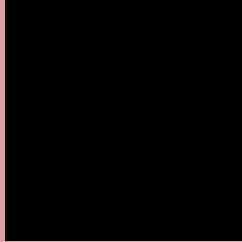
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 178.9060, 33.1000, 16.8760

## Background



This preview shows how black text looks on a background with the YIQ color 178.9060, 33.1000, 16.8760.



This preview shows how white text looks on a background with the YIQ color 178.9060, 33.1000,

16.8760.

# 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

178.9060, 33.1000, 16.8760

### Protanopia

176.4670, 0.1830, 2.1910

### Deuteranopia

177.3610, 15.2210, 4.9890



## Tritanopia

178.9060, 33.1000, 16.8760

# Trichromacy



## Original Color

178.9060, 33.1000, 16.8760

## Protanomaly

177.3870, 12.3320, 7.7880

## Deuteranomaly

177.8180, 21.3640, 9.3000

## Tritanomaly

178.9060, 33.1000, 16.8760

# Monochromacy



## Original Color

178.9060, 33.1000, 16.8760

## Achromatopsia

179.0000, -0.0000, -0.0000

## Achromatomaly

179.0340, 11.8280, 5.9080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 178.9060, 33.1000, 16.8760 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(221, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(221, 159, 171)  
}
```

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(221, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 159, 171) }
```

## Border

The CSS property to change the border of an element to YIQ 178.9060, 33.1000, 16.8760 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(221, 159, 171) }
```



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

```
.border{ border-color:rgb(221, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(221, 159,  
171) }
```

# Background

The CSS property to change the background color of an element to YIQ 178.9060, 33.1000, 16.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 159, 171) }
```

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

```
.background{ background-color: rgb(221,  
159, 171) }
```

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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