

# Converting Colors

YIQ(178.0300, 26.8190, 15.0670)

Have a look what the booklet for  
YIQ(178.0300, 26.8190, 15.0670)  
contains.

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# Color

**YIQ(178.0300, 26.8190,  
15.0670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5A1AE
RGB	213, 161, 174
RGB Percent	84%, 63%, 68%
CMY	0.1646, 0.3687, 0.3175
CMYK	0.00, 0.24, 0.18, 0.16
HSL	345°, 38%, 73%
HSV	345°, 24%, 84%
XYZ	47.8338, 42.6902, 45.7759
YIQ	178.0300, 26.8190, 15.0670

# Conversions

## Conversions Part 2

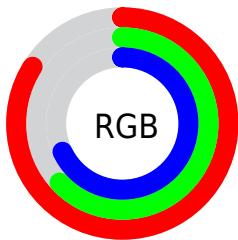
Format	Color
R <sub>Y</sub> B	213, 161, 174
Decimal	14000558
CIE Lab	71.34, 21.23, 0.77
CIE LCh	71, 21.242, 2.069
Yxy	42.6902, 0.3509, 0.3132
Android (android.graphics.Color)	4292190638 (0xFFD5A1AE)
YUV	178.0300, -1.9868, 30.6687
Hunter-Lab	65.3378, 16.3387, 4.1976

# Details

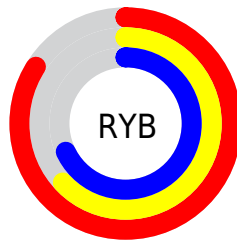
The YIQ color **178.0300, 26.8190, 15.0670** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **195.9700, -26.8190, -15.0670**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1430, 19.0710, 12.3110**, and **125.1330, 25.0310, 14.4310** is the 20% darker color. If you saturate the color by 10%, you get **163.8790, 37.7300, 21.0740**, and if you desaturate by 10%, it is **192.1810, 15.9080, 9.0600**.

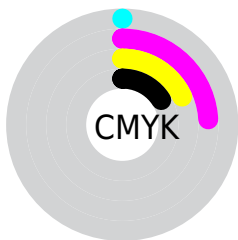
# Distribution



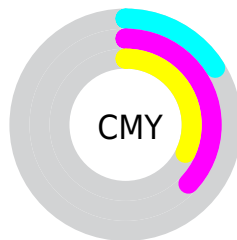
- Red (84%)
- Green (63%)
- Blue (68%)



- Red (84%)
- Yellow (63%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (16%)




- Cyan (16%)
- Magenta (37%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 178.0300, 26.8190, 15.0670 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 178.0300, 26.8190, 15.0670 by changing the saturation by 10% instead.





 178.0300, 26.8190,  
15.0670


 178.0300, 26.8190,  
15.0670


255.0000, -0.0000,  
-0.0000


 151.3180, 25.9480,  
14.3320


 229.1430, 19.0710,  
12.3110


 125.1330, 25.0310,  
14.4310

 249.1300, 2.7500,  
5.2300

 99.5350, 23.8390,  
14.0070

 75.5240, 22.3720,  
13.0600

 52.0400, 20.8590,  
12.9470

 29.5560, 19.3460,  
12.8340

 11.5190, 20.7680,

9.0880

0.0000, 0.0000,  
0.0000

178.0300, 26.8190,  
15.0670

178.0300, 26.8190,  
15.0670

163.8790, 37.7300,  
21.0740

192.1810, 15.9080,  
9.0600

149.1410, 48.9160,  
27.6040

206.9190, 4.7220,  
2.5300

134.9900, 59.8270,  
33.6110

221.0700, -6.1890,  
-3.4770

120.8390, 70.7380,  
39.6180

235.2210,  
-17.1000, -9.4840

106.1010, 81.9240,  
46.1480

242.3280,  
-24.7110, -9.2150

■ 91.9500, 92.8350,  
52.1550

■ 242.4420,  
-25.0320, -8.9040

■ 77.7990, 103.7460,  
58.1620

■ 69.7290, 109.9350,  
61.6390

# Harmonies

## Analogous

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



178.3690, 12.7430, 16.8630



178.0300, 26.8190, 15.0670



177.3370, 32.9640, 8.3240

# Triad

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



178.0300, 26.8190, 15.0670



171.7810, 4.4500, -14.5740



169.7150, -38.7420, -2.7260

# Complementary

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



178.0300, 26.8190, 15.0670



195.9700, -26.8190, -15.0670

# 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.



167.0040, -41.3540, -10.4580



178.0300, 26.8190, 15.0670



169.1470, -14.2560, -16.9760

# Square

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



178.0300, 26.8190, 15.0670



173.8540, 20.5420, -8.8500



167.1050, -31.6330, -15.9290



173.6400, -24.9890, 6.8430



# Rectangle

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



178.0300, 26.8190, 15.0670



176.4630, 32.3690, 2.5850



167.1050, -31.6330, -15.9290



168.4650, -41.0340, -5.2420

# Sweetspot

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



178.0300, 26.8190, 15.0670



242.9520, 9.1230, 5.3710



178.2900, 5.9560, 24.2280



120.6310, 5.5930, 3.2650



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.



178.0300, 26.8190, 15.0670



205.2920, 38.0050, 21.5970



183.5920, 27.6920, 4.7480



99.6310, 5.5930, 3.2650



56.0310, 88.1130, 49.6250



14.1110, 22.0970, 12.5370



# Inverse Universe

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



178.0300, 26.8190, 15.0670



205.2920, 38.0050, 21.5970



190.4080, -27.6920, -4.7480



99.6310, 5.5930, 3.2650



56.0310, 88.1130, 49.6250

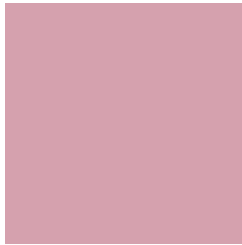


14.1110, 22.0970, 12.5370



# Previews

## White Background



This preview shows how the YIQ color 178.0300, 26.8190, 15.0670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

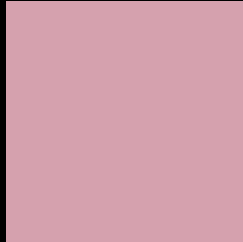
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 178.0300, 26.8190, 15.0670 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

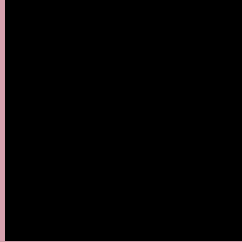
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 178.0300, 26.8190, 15.0670

## Background



This preview shows how black text looks on a background with the YIQ color 178.0300, 26.8190, 15.0670.



This preview shows how white text looks on a background with the YIQ color 178.0300, 26.8190,

15.0670.

# 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

178.0300, 26.8190, 15.0670

### Protanopia

175.5100, -1.3760, 2.9120

### Deuteranopia

176.5180, 13.3410, 6.0210



## Tritanopia

177.9160, 27.1400, 14.7560

# Trichromacy



## Original Color

178.0300, 26.8190, 15.0670

## Protanomaly

176.1200, 8.7100, 7.3500

## Deuteranomaly

176.9640, 18.0170, 9.3850

## Tritanomaly

177.9160, 27.1400, 14.7560

# Monochromacy



## Original Color

178.0300, 26.8190, 15.0670

## Achromatopsia

178.0000, -0.0000, -0.0000

## Achromatomaly

178.2510, 9.7190, 5.5830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 178.0300, 26.8190, 15.0670 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(213, 161, 174)` looks like.

```
.text, #text, p{  
    color:rgb(213, 161, 174)  
}
```

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(213, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 161, 174) }
```

## Border

The CSS property to change the border of an element to YIQ 178.0300, 26.8190, 15.0670 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(213, 161, 174) }
```



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

```
.border{ border-color:rgb(213, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 161, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 161, 174);  
box-shadow:4px 4px 4px 4px rgb(213, 161,  
174) }
```

# Background

The CSS property to change the background color of an element to YIQ 178.0300, 26.8190, 15.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 161, 174) }
```

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

```
.background{ background-color: rgb(213,  
161, 174) }
```

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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