

Converting Colors

YIQ(178.8990, 25.8100, 16.8340)

Have a look what the booklet for
YIQ(178.8990, 25.8100, 16.8340)
contains.

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Color

**YIQ(178.8990, 25.8100,
16.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A1B3
RGB	214, 161, 179
RGB Percent	84%, 63%, 70%
CMY	0.1606, 0.3687, 0.2979
CMYK	0.00, 0.25, 0.16, 0.16
HSL	340°, 39%, 74%
HSV	340°, 25%, 84%
XYZ	48.6217, 43.0390, 48.4045
YIQ	178.8990, 25.8100, 16.8340

Conversions

Conversions Part 2

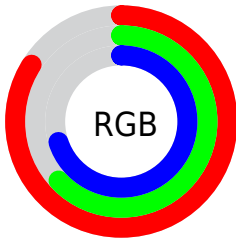
Format	Color
R _Y B	214, 161, 179
Decimal	14066099
CIE Lab	71.58, 22.38, -1.64
CIE LCh	72, 22.438, 355.812
Yxy	43.0390, 0.3471, 0.3073
Android (android.graphics.Color)	4292256179 (0xFFD6A1B3)
YUV	178.8990, 0.0498, 30.7836
Hunter-Lab	65.6041, 17.4861, 2.1771

Details

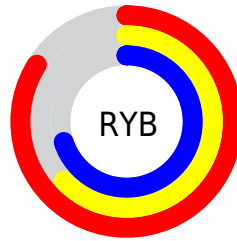
The YIQ color **178.8990, 25.8100, 16.8340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.1010, -25.8100, -16.8340**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.8270, 17.1450, 14.1770**, and **125.8880, 24.3430, 15.8870** is the 20% darker color. If you saturate the color by 10%, you get **164.9760, 36.0790, 23.4630**, and if you desaturate by 10%, it is **192.8220, 15.5410, 10.2050**.

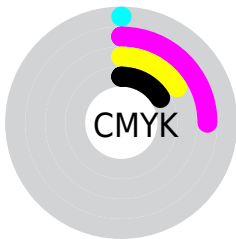
Distribution



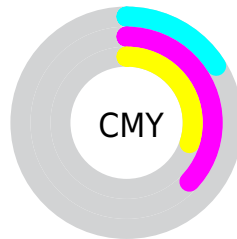
- Red (84%)
- Green (63%)
- Blue (70%)



- Red (84%)
- Yellow (63%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (16%)




- Cyan (16%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.8990, 25.8100, 16.8340 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 178.8990, 25.8100, 16.8340 by changing the saturation by 10% instead.


 178.8990, 25.8100,
16.8340


 178.8990, 25.8100,
16.8340


255.0000, -0.0000,
-0.0000


 152.1870, 24.9390,
16.0990


 229.8270, 17.1450,
14.1770


 125.8880, 24.3430,
15.8870

 249.1300, 2.7500,
5.2300

 100.2900, 23.1510,
15.4630

 76.2790, 21.6840,
14.5160

 52.7950, 20.1710,
14.4030

 30.1970, 18.9790,
13.9790

 12.3170, 18.5210,

11.2650

■ 0.0000, 0.0000,
0.0000

■ 178.8990, 25.8100,
16.8340

■ 178.8990, 25.8100,
16.8340

■ 164.9760, 36.0790,
23.4630

■ 192.8220, 15.5410,
10.2050

■ 150.4660, 46.6230,
30.6150

■ 207.3320, 4.9970,
3.0530

■ 136.5430, 56.8920,
37.2440

■ 221.2550, -5.2720,
-3.5760

■ 122.0330, 67.4360,
44.3960

■ 235.8790,
-16.1370, -10.4170

■ 107.9960, 78.0260,
50.7140

■ 242.1710,
-22.8310, -10.2470

■ 94.0730, 88.2950,
57.3430

■ 242.7410,
-24.4360, -8.6920

■ 79.5630, 98.8390,
64.4950

■ 72.3080, 104.1110,
68.0710

Harmonies

Analogous

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



179.0420, 9.3500, 17.7820



178.8990, 25.8100, 16.8340



177.9890, 34.0640, 10.4160

Triad

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



178.8990, 25.8100, 16.8340



172.8200, 8.7140, -14.7580



169.0950, -42.8680, -5.0440

Complementary

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



178.8990, 25.8100, 16.8340



196.1010, -25.8100, -16.8340

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.



166.9390, -42.7290, -13.0730



178.8990, 25.8100, 16.8340



169.5880, -11.1840, -17.5840

Square

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



178.8990, 25.8100, 16.8340



174.9470, 24.7140, -7.3660



167.6490, -30.3490, -17.1730



173.0630, -30.6740, 5.2460

Rectangle

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



178.8990, 25.8100, 16.8340



177.0120, 35.2570, 5.3130



167.6490, -30.3490, -17.1730



167.7310, -44.8390, -7.8710

Sweetspot

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



178.8990, 25.8100, 16.8340



243.0660, 8.8020, 5.6820



177.2080, 3.2510, 23.6910



120.7450, 5.2720, 3.5760



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.



178.8990, 25.8100, 16.8340



204.6880, 36.9500, 24.1980



181.5430, 29.3880, 7.0520



99.7450, 5.2720, 3.5760



57.7410, 83.2980, 54.2900



14.5670, 20.8130, 13.7810

Inverse Universe

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



178.8990, 25.8100, 16.8340



204.6880, 36.9500, 24.1980



193.4570, -29.3880, -7.0520



99.7450, 5.2720, 3.5760



57.7410, 83.2980, 54.2900



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 178.8990, 25.8100, 16.8340 looks on a white background.

Color Contrast Check

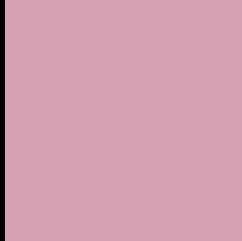
Large Text (above 18pt) WCAG AA × Fail

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 178.8990, 25.8100, 16.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

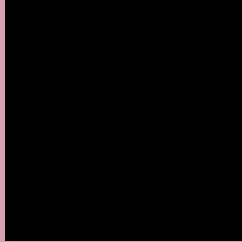
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.8990, 25.8100, 16.8340

Background



This preview shows how black text looks on a background with the YIQ color 178.8990, 25.8100, 16.8340.



This preview shows how white text looks on a background with the YIQ color 178.8990, 25.8100,

16.8340.

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

178.8990, 25.8100, 16.8340

Protanopia

176.3680, -3.8520, 3.7320

Deuteranopia

177.3760, 10.8650, 6.8410



Tritanopia

178.6170, 26.5440, 14.5440

Trichromacy



Original Color

178.8990, 25.8100, 16.8340

Protanomaly

177.2770, 6.8300, 8.3820

Deuteranomaly

178.1210, 16.1370, 10.4170

Tritanomaly

178.8450, 25.9020, 15.1660

Monochromacy



Original Color

178.8990, 25.8100, 16.8340

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.7780, 9.6730, 6.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.8990, 25.8100, 16.8340 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(214, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 161, 179)  
}
```

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(214, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 161, 179) }
```

Border

The CSS property to change the border of an element to YIQ 178.8990, 25.8100, 16.8340 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(214, 161, 179) }
```


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

```
.border{ border-color:rgb(214, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 161,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 178.8990, 25.8100, 16.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 161, 179) }
```

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

```
.background{ background-color: rgb(214,  
161, 179) }
```

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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