

Converting Colors

YIQ(176.1440, 26.4980, 15.3780)

Have a look what the booklet for
YIQ(176.1440, 26.4980, 15.3780)
contains.

YIQ(176.1440, 26.4980, 15.3780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(176.1440, 26.4980,
15.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	D39FAD
RGB	211, 159, 173
RGB Percent	83%, 62%, 68%
CMY	0.1724, 0.3765, 0.3215
CMYK	0.00, 0.25, 0.18, 0.17
HSL	344°, 37%, 73%
HSV	344°, 25%, 83%
XYZ	46.8132, 41.6607, 45.1214
YIQ	176.1440, 26.4980, 15.3780

Conversions

Conversions Part 2

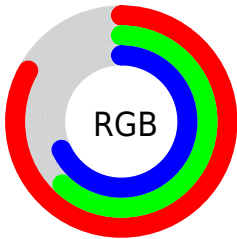
Format	Color
R_{YB}	211, 159, 173
Decimal	13868973
CIE _{Lab}	70.64, 21.43, 0.26
CIE _{LCh}	71, 21.432, 0.706
Yxy	41.6607, 0.3504, 0.3118
Android (android.graphics.Color)	4292059053 (0xFFD39FAD)
YUV	176.1440, -1.5500, 30.5687
Hunter-Lab	64.5451, 16.5083, 3.7339

Details

The YIQ color **176.1440, 26.4980, 15.3780** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.8560, -26.4980, -15.3780**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.8550, 19.9420, 13.0460**, and **123.2470, 24.7100, 14.7420** is the 20% darker color. If you saturate the color by 10%, you get **162.1070, 37.0880, 21.6960**, and if you desaturate by 10%, it is **190.1810, 15.9080, 9.0600**.

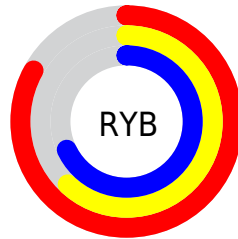
Distribution



Red (83%)

Green (62%)

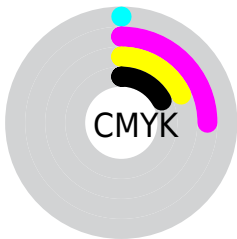
Blue (68%)



Red (83%)

Yellow (62%)

Blue (68%)

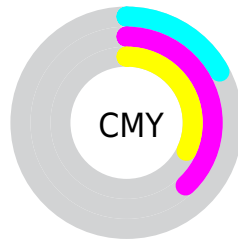


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.1440, 26.4980, 15.3780 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 176.1440, 26.4980, 15.3780 by changing the saturation by 10% instead.

 176.1440, 26.4980,
15.3780

 176.1440, 26.4980,
15.3780


255.0000, -0.0000,
-0.0000


 149.4320, 25.6270,
14.6430


 227.8550, 19.9420,
13.0460


 123.2470, 24.7100,
14.7420

 247.3690, 3.5750,
6.7990

 98.2360, 23.2430,
13.7950

 73.6380, 22.0510,
13.3710

 50.1540, 20.5380,
13.2580

 28.2570, 18.7500,
12.6220

 11.1060, 20.4930,

8.5650

■ 0.0000, 0.0000,
0.0000

■ 176.1440, 26.4980,
15.3780

■ 176.1440, 26.4980,
15.3780

■ 162.1070, 37.0880,
21.6960

■ 190.1810, 15.9080,
9.0600

■ 147.9560, 47.9990,
27.7030

■ 204.3320, 4.9970,
3.0530

■ 133.9190, 58.5890,
34.0210

■ 218.3690, -5.5930,
-3.2650

■ 119.7680, 69.5000,
40.0280

■ 232.5200,
-16.5040, -9.2720

■ 105.1440, 80.3650,
46.8690

■ 241.2740,
-24.6190, -10.8830

■ 91.1070, 90.9550,
53.1870

■ 241.8440,
-26.2240, -9.3280

■ 76.9560, 101.8660,
59.1940

■ 69.5870, 107.4590,
62.4590

Harmonies

Analogous

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



176.4830, 12.4220, 17.1740



176.1440, 26.4980, 15.3780



175.1630, 33.5140, 9.3700

Triad

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



176.1440, 26.4980, 15.3780



169.9660, 5.3670, -14.6730



167.4160, -39.3380, -2.9380

Complementary

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



176.1440, 26.4980, 15.3780



193.8560, -26.4980, -15.3780

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.



164.5910, -41.6290, -10.9810



176.1440, 26.4980, 15.3780



167.3320, -13.3390, -17.0750

Square

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



176.1440, 26.4980, 15.3780



172.1530, 21.1380, -8.6380



165.4040, -31.0370, -15.7170



171.3410, -25.5850, 6.6310

Rectangle

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



176.1440, 26.4980, 15.3780



174.1750, 33.2400, 3.3200



165.4040, -31.0370, -15.7170



166.0520, -41.3090, -5.7650

Sweetspot

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



176.1440, 26.4980, 15.3780



242.9520, 9.1230, 5.3710



175.9910, 5.3600, 24.0160



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.



176.1440, 26.4980, 15.3780



204.0040, 38.8760, 22.3320



181.0050, 27.9670, 5.2710



97.6310, 5.5930, 3.2650



55.3620, 85.6830, 49.6110



13.5130, 20.9050, 12.1130

Inverse Universe

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



176.1440, 26.4980, 15.3780



204.0040, 38.8760, 22.3320



188.9950, -27.9670, -5.2710



97.6310, 5.5930, 3.2650



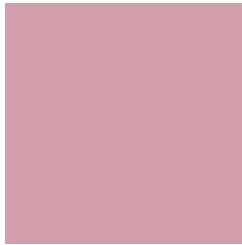
55.3620, 85.6830, 49.6110



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 176.1440, 26.4980, 15.3780 looks on a white background.

Color Contrast Check

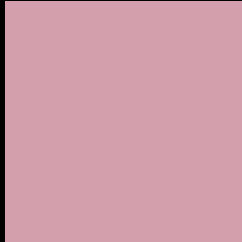
Large Text (above 18pt) WCAG AA × Fail

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 176.1440, 26.4980, 15.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

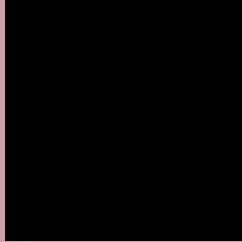
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.1440, 26.4980, 15.3780

Background



This preview shows how black text looks on a background with the YIQ color 176.1440, 26.4980, 15.3780.



This preview shows how white text looks on a background with the YIQ color 176.1440, 26.4980,

15.3780.

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

176.1440, 26.4980, 15.3780

Protanopia

173.6240, -1.6970, 3.2230

Deuteranopia

174.3330, 12.4240, 6.1200



Tritanopia

176.0300, 26.8190, 15.0670

Trichromacy



Original Color

176.1440, 26.4980, 15.3780

Protanomaly

174.2340, 8.3890, 7.6610

Deuteranomaly

175.0780, 17.6960, 9.6960

Tritanomaly

176.0300, 26.8190, 15.0670

Monochromacy



Original Color

176.1440, 26.4980, 15.3780

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.2510, 9.7190, 5.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.1440, 26.4980, 15.3780 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(211, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 159, 173)  
}
```

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(211, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 159, 173) }
```

Border

The CSS property to change the border of an element to YIQ 176.1440, 26.4980, 15.3780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

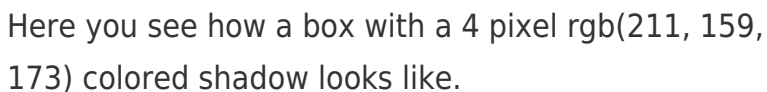
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 159, 173) }
```


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

```
.border{ border-color:rgb(211, 159, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 159,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 176.1440, 26.4980, 15.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 159, 173) }
```

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

```
.background{ background-color: rgb(211,  
159, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor