

Converting Colors

YIQ(176.0670, 25.3970, 18.8130)

Have a look what the booklet for
YIQ(176.0670, 25.3970, 18.8130)
contains.

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Color

**YIQ(176.0670, 25.3970,
18.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	D49DB4
RGB	212, 157, 180
RGB Percent	83%, 62%, 71%
CMY	0.1685, 0.3844, 0.2940
CMYK	0.00, 0.26, 0.15, 0.17
HSL	335°, 39%, 72%
HSV	335°, 26%, 83%
XYZ	47.4555, 41.4048, 48.6821
YIQ	176.0670, 25.3970, 18.8130

Conversions

Conversions Part 2

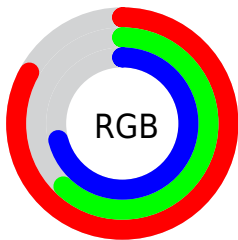
Format	Color
R_{YB}	212, 157, 180
Decimal	13934004
CIE Lab	70.46, 23.99, -3.87
CIE LCh	70, 24.304, 350.847
Yxy	41.4048, 0.3450, 0.3010
Android (android.graphics.Color)	4292124084 (0xFFD49DB4)
YUV	176.0670, 1.9390, 31.5132
Hunter-Lab	64.3466, 19.0369, 0.1862

Details

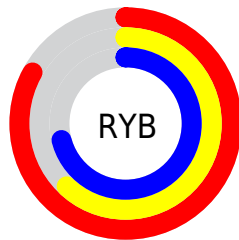
The YIQ color **176.0670, 25.3970, 18.8130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **192.9330, -25.3970, -18.8130**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.5930, 17.9240, 16.5800**, and **123.0560, 23.9300, 17.8660** is the 20% darker color. If you saturate the color by 10%, you get **162.3720, 35.0240, 26.0640**, and if you desaturate by 10%, it is **189.7620, 15.7700, 11.5620**.

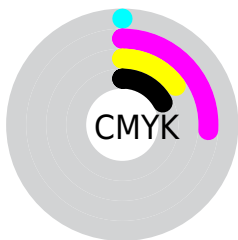
Distribution



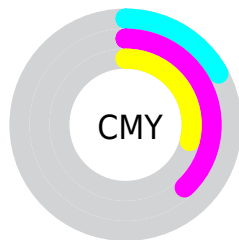
- Red (83%)
- Green (62%)
- Blue (71%)



- Red (83%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (17%)




- Cyan (17%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.0670, 25.3970, 18.8130 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 176.0670, 25.3970, 18.8130 by changing the saturation by 10% instead.


 176.0670, 25.3970,
18.8130


 176.0670, 25.3970,
18.8130


255.0000, -0.0000,
-0.0000


 149.3550, 24.5260,
18.0780


 227.5930, 17.9240,
16.5800


 123.0560, 23.9300,
17.8660

 246.1950, 4.1250,
7.8450

 98.0450, 22.4630,
16.9190

 73.4470, 21.2710,
16.4950

 49.9630, 19.7580,
16.3820

 27.3650, 18.5660,
15.9580

 12.4310, 18.2000,

11.5760

■ 0.0000, 0.0000,
0.0000

■ 176.0670, 25.3970,
18.8130

■ 176.0670, 25.3970,
18.8130

■ 162.3720, 35.0240,
26.0640

■ 189.7620, 15.7700,
11.5620

■ 148.5630, 44.9720,
33.0040

■ 203.5710, 5.8220,
4.6220

■ 134.2810, 54.8740,
40.7780

■ 217.8530, -4.0800,
-3.1520

■ 120.5860, 64.5010,
48.0290

■ 231.5480,
-13.7070, -10.4030

■ 106.7770, 74.4490,
54.9690

■ 240.6610,
-21.4550, -13.1590

■ 93.0820, 84.0760,
62.2200

■ 242.0290,
-25.3070, -9.4270

■ 79.3870, 93.7030,
69.4710

■ 242.1430,
-25.6280, -9.1160

■ 73.5340, 97.7830,
72.6230

Harmonies

Analogous

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



175.9000, 6.8740, 18.6020



176.0670, 25.3970, 18.8130



175.3530, 36.0350, 13.2430

Triad

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



176.0670, 25.3970, 18.8130



169.6740, 12.0610, -14.8430



164.1050, -48.8280, -7.1640

Complementary

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



176.0670, 25.3970, 18.8130



192.9330, -25.3970, -18.8130

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.



162.5040, -45.9380, -15.4900



176.0670, 25.3970, 18.8130



166.6160, -8.3870, -18.7150

Square

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



176.0670, 25.3970, 18.8130



172.2140, 28.3360, -6.9280



163.8940, -29.6610, -18.6290



168.4860, -36.3590, 3.6490

Rectangle

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



176.0670, 25.3970, 18.8130



174.6210, 37.9160, 6.6840



163.8940, -29.6610, -18.6290



163.1110, -48.9650, -10.1890

Sweetspot

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



176.0670, 25.3970, 18.8130



241.8920, 9.3520, 6.7280



172.5390, 0.8210, 23.6770



119.4570, 6.1430, 4.3110



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.



176.0670, 25.3970, 18.8130



203.3830, 36.4910, 27.0110



175.7930, 31.6800, 9.5680



99.8590, 4.9510, 3.8870



59.2230, 79.1250, 58.3330



14.9090, 19.8500, 14.7140

Inverse Universe

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



176.0670, 25.3970, 18.8130



203.3830, 36.4910, 27.0110



193.2070, -31.6800, -9.5680



99.8590, 4.9510, 3.8870



59.2230, 79.1250, 58.3330



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 176.0670, 25.3970, 18.8130 looks on a white background.

Color Contrast Check

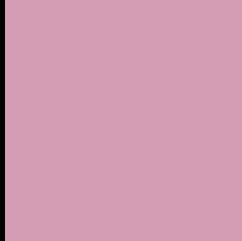
Large Text (above 18pt) WCAG AA × Fail

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 176.0670, 25.3970, 18.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

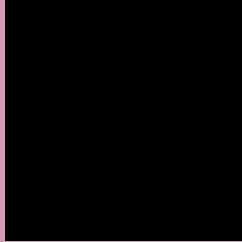
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.0670, 25.3970, 18.8130

Background



This preview shows how black text looks on a background with the YIQ color 176.0670, 25.3970, 18.8130.



This preview shows how white text looks on a background with the YIQ color 176.0670, 25.3970,

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

176.0670, 25.3970, 18.8130

Protanopia

173.0520, -5.7780, 5.5980

Deuteranopia

174.2340, 8.3890, 7.6610



Tritanopia

175.9160, 27.1400, 14.7560

Trichromacy



Original Color

176.0670, 25.3970, 18.8130

Protanomaly

174.2600, 5.5000, 10.4600

Deuteranomaly

174.6910, 14.5320, 11.9720

Tritanomaly

175.6710, 26.4520, 16.2120

Monochromacy



Original Color

176.0670, 25.3970, 18.8130

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0670, 25.3970, 18.8130 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(212, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 180)  
}
```

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(212, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 180) }
```

Border

The CSS property to change the border of an element to YIQ 176.0670, 25.3970, 18.8130 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(212, 157, 180) }
```


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

```
.border{ border-color:rgb(212, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0670, 25.3970, 18.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 180) }
```

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

```
.background{ background-color: rgb(212,  
157, 180) }
```

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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