

Converting Colors

YIQ(174.8740, 18.9310, 25.8670)

Have a look what the booklet for
YIQ(174.8740, 18.9310, 25.8670)
contains.

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Color

**YIQ(174.8740, 18.9310,
25.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	D199C6
RGB	209, 153, 198
RGB Percent	82%, 60%, 78%
CMY	0.1802, 0.4001, 0.2235
CMYK	0.00, 0.27, 0.05, 0.18
HSL	312°, 38%, 71%
HSV	312°, 27%, 82%
XYZ	47.8878, 40.4138, 58.7090
YIQ	174.8740, 18.9310, 25.8670

Conversions

Conversions Part 2

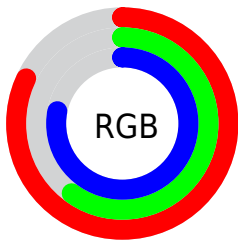
Format	Color
R_{YB}	209, 153, 198
Decimal	13736390
CIE _{Lab}	69.76, 28.19, -14.92
CIE _{LCh}	70, 31.895, 332.117
Yxy	40.4138, 0.3257, 0.2749
Android (android.graphics.Color)	4291926470 (0xFFD199C6)
YUV	174.8740, 11.4011, 29.9285
Hunter-Lab	63.5718, 23.2108, -10.2544

Details

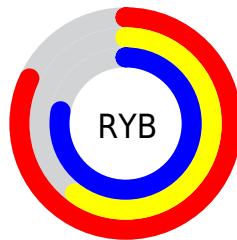
The YIQ color $174.8740, 18.9310, 25.8670$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $187.1260, -18.9310, -25.8670$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.4110, 12.9250, 24.5810$, and $121.7490, 17.7850, 24.6090$ is the 20% darker color. If you saturate the color by 10%, you get $162.0910, 25.9900, 35.6060$, and if you desaturate by 10%, it is $187.6570, 11.8720, 16.1280$.

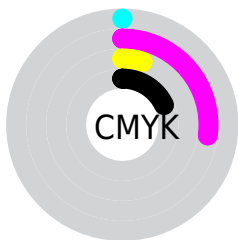
Distribution



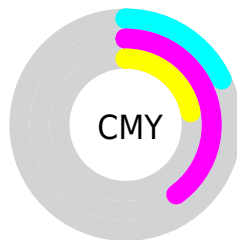
- Red (82%)
- Green (60%)
- Blue (78%)



- Red (82%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8740, 18.9310, 25.8670 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 174.8740, 18.9310, 25.8670 by changing the saturation by 10% instead.

■ 174.8740, 18.9310,
25.8670

■ 174.8740, 18.9310,
25.8670

255.0000, -0.0000,
-0.0000

■ 148.1620, 18.0600,
25.1320

■ 227.4110, 12.9250,
24.5810

■ 121.7490, 17.7850,
24.6090

■ 243.8470, 5.2250,
9.9370

■ 96.6240, 16.6390,
23.3510

■ 72.3250, 16.0430,
23.1390

■ 48.6130, 15.1720,
22.4040

■ 24.7270, 14.8510,
22.7150

■ 13.5430, 12.1930,

15.8170

■ 0.0000, 0.0000,
0.0000

■ 174.8740, 18.9310,
25.8670

■ 174.8740, 18.9310,
25.8670

■ 162.0910, 25.9900,
35.6060

■ 187.6570, 11.8720,
16.1280

■ 149.3080, 33.0490,
45.3450

■ 200.4400, 4.8130,
6.3890

■ 136.5250, 40.1080,
55.0840

■ 213.2230, -2.2460,
-3.3500

■ 123.7420, 47.1670,
64.8230

■ 226.0060, -9.3050,
-13.0890

■ 110.8450, 54.5470,
74.2510

■ 237.1420,
-15.8600, -20.9480

■ 98.6490, 61.3310,
83.4670

■ 237.5980,
-17.1440, -19.7040

■ 85.8660, 68.3900,
93.2060

■ 238.0540,
-18.4280, -18.4600

■ 81.6430, 70.6360,
96.5560

■ 238.5100,
-19.7120, -17.2160

■ 238.9660,
-20.9960, -15.9720

Harmonies

Analogous

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



172.9830, -9.3570, 20.9070



174.8740, 18.9310, 25.8670



174.3030, 39.4720, 22.5440

Triad

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



174.8740, 18.9310, 25.8670



168.1830, 29.6210, -13.6990



153.2220, -71.5670, -19.0790

Complementary

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



174.8740, 18.9310, 25.8670



187.1260, -18.9310, -25.8670

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.



155.9990, -52.1260, -24.4940



174.8740, 18.9310, 25.8670



165.5220, 6.3770, -21.9670

Square

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



174.8740, 18.9310, 25.8670



170.7000, 44.7030, -0.6810



161.2720, -22.2780, -25.7820



159.2480, -65.2880, -6.2160

Rectangle

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



174.8740, 18.9310, 25.8670



173.3220, 46.4880, 16.5360



161.2720, -22.2780, -25.7820



153.3810, -67.7610, -21.9770

Sweetspot

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



174.8740, 18.9310, 25.8670



242.8040, 6.7840, 9.2160



162.3740, -12.0160, 19.5360



120.0270, 4.5380, 5.8660



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.



174.8740, 18.9310, 25.8670



205.0420, 27.6860, 37.9100



171.7960, 27.5980, 17.4700



98.2010, 3.9880, 4.8200



65.6220, 56.7930, 77.6010



16.0210, 13.8430, 18.9550

Inverse Universe

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



174.8740, 18.9310, 25.8670



205.0420, 27.6860, 37.9100



190.2040, -27.5980, -17.4700



98.2010, 3.9880, 4.8200



65.6220, 56.7930, 77.6010



16.0210, 13.8430, 18.9550

Previews

White Background



This preview shows how the YIQ color 174.8740, 18.9310, 25.8670 looks on a white background.

Color Contrast Check

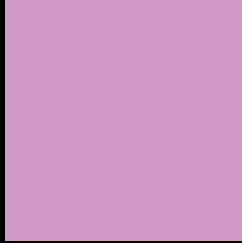
Large Text (above 18pt) WCAG AA × Fail

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 174.8740, 18.9310, 25.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

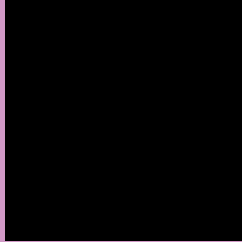
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8740, 18.9310, 25.8670

Background



This preview shows how black text looks on a background with the YIQ color 174.8740, 18.9310, 25.8670.



This preview shows how white text looks on a background with the YIQ color 174.8740, 18.9310,

25.8670.

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

174.8740, 18.9310, 25.8670

Protanopia

171.4670, -17.0120, 10.9560

Deuteranopia

172.2960, -3.3490, 11.1390



Tritanopia

173.4210, 24.1600, 13.6960

Trichromacy



Original Color

174.8740, 18.9310, 25.8670

Protanomaly

172.5720, -3.9460, 16.4540

Deuteranomaly

173.0630, 4.8570, 16.6090

Tritanomaly

173.6860, 22.0960, 18.0640

Monochromacy



Original Color

174.8740, 18.9310, 25.8670

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8040, 6.7840, 9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8740, 18.9310, 25.8670 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(209, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 198)  
}
```

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(209, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 198) }
```

Border

The CSS property to change the border of an element to YIQ 174.8740, 18.9310, 25.8670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

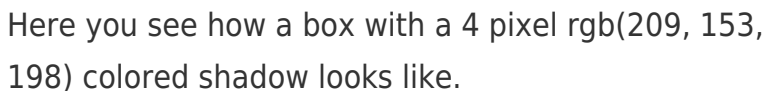
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 153, 198) }
```


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

```
.border{ border-color:rgb(209, 153, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 153, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 153, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 153, 198); box-shadow:4px 4px 4px 4px rgb(209, 153, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8740, 18.9310, 25.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 198) }
```

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

```
.background{ background-color: rgb(209,  
153, 198) }
```

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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