

Converting Colors

YIQ(148.4980, 8.0660, 19.0260)

Have a look what the booklet for
YIQ(148.4980, 8.0660, 19.0260)
contains.

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Color

**YIQ(148.4980, 8.0660,
19.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	A886AC
RGB	168, 134, 172
RGB Percent	66%, 53%, 67%
CMY	0.3411, 0.4746, 0.3255
CMYK	0.02, 0.22, 0.00, 0.33
HSL	294°, 19%, 60%
HSV	294°, 22%, 67%
XYZ	32.1237, 28.3526, 42.8096
YIQ	148.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

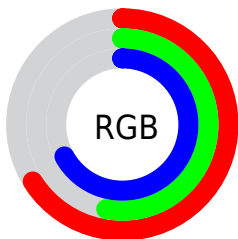
Format	Color
RYB	168, 134, 172
Decimal	11044524
CIELab	60.21, 19.81, -15.13
CIELCh	60, 24.925, 322.631
Yxy	28.3526, 0.3110, 0.2745
Android (android.graphics.Color)	4289234604 (0xFFA886AC)
YUV	148.4980, 11.5865, 17.1033
Hunter-Lab	53.2472, 14.5055, -10.3948

Details

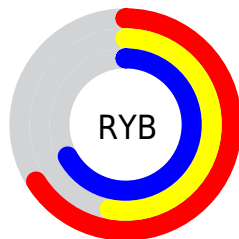
The YIQ color $148.4980, 8.0660, 19.0260$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $157.5020, -8.0660, -19.0260$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.3240, 8.6160, 20.0720$, and $97.6720, 7.5160, 17.9800$ is the 20% darker color. If you saturate the color by 10%, you get $137.9210, 11.5490, 27.4930$, and if you desaturate by 10%, it is $159.0750, 4.5830, 10.5590$.

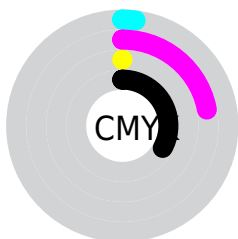
Distribution



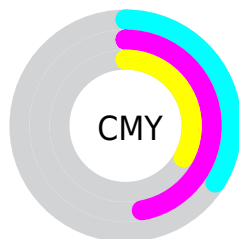
- Red (66%)
- Green (53%)
- Blue (67%)



- Red (66%)
- Yellow (53%)
- Blue (67%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4980, 8.0660, 19.0260 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 148.4980, 8.0660, 19.0260 by changing the saturation by 10% instead.

■ 148.4980, 8.0660,
19.0260

■ 148.4980, 8.0660,
19.0260

255.0000, -0.0000,
-0.0000

■ 122.6720, 7.5160,
17.9800

■ 202.6230, 9.2120,
20.2840

■ 97.6720, 7.5160,
17.9800

■ 230.6230, 9.2120,
20.2840

■ 73.8460, 6.9660,
16.9340

■ 248.5430, 3.0250,
5.7530

■ 50.4330, 6.6910,
16.4110

■ 28.7210, 5.8200,
15.6760

■ 10.9660, 6.5080,
14.2200

■ 0.0000, 0.0000,

0.0000

■ 148.4980, 8.0660,
19.0260

■ 148.4980, 8.0660,
19.0260

■ 137.9210, 11.5490,
27.4930

■ 159.0750, 4.5830,
10.5590

■ 127.3440, 15.0320,
35.9600

■ 169.6520, 1.1000,
2.0920

■ 116.4790, 19.3860,
45.1620

■ 180.5170, -3.2540,
-7.1100

■ 105.9020, 22.8690,
53.6290

■ 191.0940, -6.7370,
-15.5770

■ 95.3250, 26.3520,
62.0960

■ 201.6710,
-10.2200, -24.0440

■ 84.7480, 29.8350,
70.5630

■ 212.2480,
-13.7030, -32.5110

■ 74.1710, 33.3180,
79.0300

■ 222.8250,
-17.1860, -40.9780

■ 65.6540, 36.5720,
86.1400

■ 223.7110,
-16.8650, -41.2890

■ 224.3090,
-15.6730, -40.8650

Harmonies

Analogous

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



146.0160, -14.1240, 13.6840



148.4980, 8.0660, 19.0260



148.2520, 26.3140, 18.7140

Triad

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



148.4980, 8.0660, 19.0260



144.6160, 27.1440, -7.3520



133.8350, -48.3680, -15.5040

Complementary

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



148.4980, 8.0660, 19.0260



157.5020, -8.0660, -19.0260

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.



136.1110, -31.7700, -18.9540



148.4980, 8.0660, 19.0260



142.0760, 10.8690, -15.2670

Square

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



148.4980, 8.0660, 19.0260



146.3170, 35.7160, 2.5000



139.1320, -9.9000, -18.8280



135.9200, -49.7450, -7.0650

Rectangle

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



148.4980, 8.0660, 19.0260



147.7380, 33.5130, 14.8970



139.1320, -9.9000, -18.8280



134.2330, -43.7370, -16.8330

Sweetspot

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



148.4980, 8.0660, 19.0260



214.8960, 3.5290, 7.6330



140.6800, -13.2980, 9.7260



106.4180, 1.8790, 4.4950



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.4980, 8.0660, 19.0260



186.9860, 12.9240, 30.1080



147.9840, 15.2650, 15.2090



81.4180, 1.8790, 4.4950



57.4650, 32.3100, 75.2700



8.9010, 5.1330, 11.6050

Inverse Universe

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



145.8180, 21.3640, 9.3000



182.6240, 33.8340, 14.5860



158.0160, -15.2650, -15.2090



80.8050, 5.0430, 2.2190



46.6740, 84.2640, 36.7760



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 148.4980, 8.0660, 19.0260 looks on a white background.

Color Contrast Check

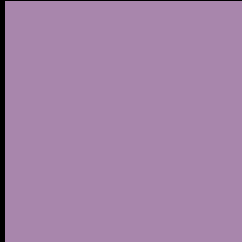
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4980, 8.0660, 19.0260 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 × Fail

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

YIQ 148.4980, 8.0660, 19.0260

Background



This preview shows how black text looks on a background with the YIQ color 148.4980, 8.0660, 19.0260.



This preview shows how white text looks on a background with the YIQ color 148.4980, 8.0660,

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

148.4980, 8.0660, 19.0260

Protanopia

145.8970, -15.4070, 9.4010

Deuteranopia

146.6870, -6.0080, 9.7680



Tritanopia

147.3270, 12.5610, 9.1450

Trichromacy



Original Color

148.4980, 8.0660, 19.0260

Protanomaly

146.4960, -6.7880, 12.8920

Deuteranomaly

147.4320, -0.7360, 13.3440

Tritanomaly

147.9510, 10.8640, 12.3680

Monochromacy



Original Color

148.4980, 8.0660, 19.0260

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4980, 8.0660, 19.0260 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(168, 134, 172)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 172)  
}
```

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(168, 134, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 172) }
```

Border

The CSS property to change the border of an element to YIQ 148.4980, 8.0660, 19.0260 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(168, 134, 172) }
```


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

```
.border{ border-color:rgb(168, 134, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 172);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4980, 8.0660, 19.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 172) }
```

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

```
.background{ background-color: rgb(168,  
134, 172) }
```

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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