

Converting Colors

YIQ(180.6890, 8.8460, 15.9020)

Have a look what the booklet for
YIQ(180.6890, 8.8460, 15.9020)
contains.

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Color

**YIQ(180.6890, 8.8460,
15.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A8C6
RGB	199, 168, 198
RGB Percent	78%, 66%, 78%
CMY	0.2195, 0.3412, 0.2235
CMYK	0.00, 0.16, 0.01, 0.22
HSL	302°, 22%, 72%
HSV	302°, 16%, 78%
XYZ	47.7531, 44.2232, 59.4470
YIQ	180.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

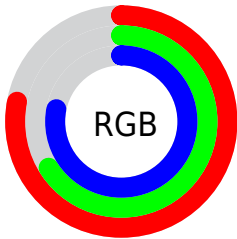
Format	Color
R_{YB}	199, 168, 198
Decimal	13084870
CIE _{Lab}	72.38, 16.55, -11.09
CIE _{LCh}	72, 19.922, 326.180
Yxy	44.2232, 0.3154, 0.2921
Android (android.graphics.Color)	4291274950 (0xFFC7A8C6)
YUV	180.6890, 8.5343, 16.0587
Hunter-Lab	66.5005, 11.8024, -6.4509

Details

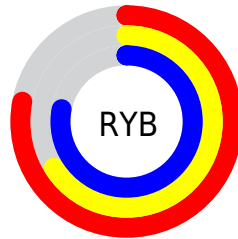
The YIQ color $180.6890, 8.8460, 15.9020$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $186.3110, -8.8460, -15.9020$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 8.8000, 16.7360$, and $127.8630, 8.2960, 14.8560$ is the 20% darker color. If you saturate the color by 10%, you get $168.8350, 14.6670, 26.0510$, and if you desaturate by 10%, it is $192.5430, 3.0250, 5.7530$.

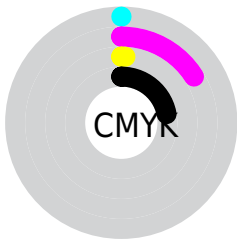
Distribution



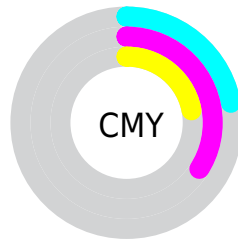
- Red (78%)
- Green (66%)
- Blue (78%)



- Red (78%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.6890, 8.8460, 15.9020 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 180.6890, 8.8460, 15.9020 by changing the saturation by 10% instead.

 180.6890, 8.8460,
15.9020

 180.6890, 8.8460,
15.9020

255.0000, -0.0000,
-0.0000


 153.6890, 8.8460,
15.9020

 236.2160, 8.8000,
16.7360


 127.8630, 8.2960,
14.8560

 253.2390, 0.8250,
1.5690

 102.5640, 7.7000,
14.6440

 78.1510, 7.4250,
14.1210

 55.3250, 6.8750,
13.0750

 33.6130, 6.0040,
12.3400

 11.4500, 8.0210,

14.3330

■ 0.0000, 0.0000,
0.0000

■ 180.6890, 8.8460,
15.9020

■ 180.6890, 8.8460,
15.9020

■ 168.8350, 14.6670,
26.0510

■ 192.5430, 3.0250,
5.7530

■ 157.0950, 20.1670,
36.5110

■ 204.2830, -2.4750,
-4.7070

■ 145.2410, 25.9880,
46.6600

■ 216.1370, -8.2960,
-14.8560

■ 133.3870, 31.8090,
56.8090

■ 227.9910,
-14.1170, -25.0050

■ 121.6470, 37.3090,
67.2690

■ 232.1000,
-16.0420, -28.6660

■ 110.3800, 42.8550,
76.8950

■ 232.2140,
-16.3630, -28.3550

■ 98.5260, 48.6760,
87.0440

■ 232.3280,
-16.6840, -28.0440

■ 86.7860, 54.1760,
97.5040

■ 232.4420,
-17.0050, -27.7330

■ 81.3890, 56.9720,
101.9000

Harmonies

Analogous

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



179.3000, -9.1720, 12.0440



180.6890, 8.8460, 15.9020



180.8770, 22.8760, 14.9400

Triad

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



180.6890, 8.8460, 15.9020



176.8050, 22.2380, -6.5460



170.6300, -37.3650, -11.1650

Complementary

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



180.6890, 8.8460, 15.9020



186.3110, -8.8460, -15.9020

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.



170.8560, -26.4980, -15.3780



180.6890, 8.8460, 15.9020



174.8030, 7.3840, -12.6800

Square

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



180.6890, 8.8460, 15.9020



179.1530, 30.3060, 1.4260



173.1260, -9.7630, -15.8030



172.2590, -37.4580, -3.9700

Rectangle

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



180.6890, 8.8460, 15.9020



180.5910, 29.4330, 11.7450



173.1260, -9.7630, -15.8030



170.2450, -34.8430, -12.8190

Sweetspot

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



180.6890, 8.8460, 15.9020



247.3690, 3.5750, 6.7990



171.8330, -9.3550, 9.8530



123.1900, 2.5210, 3.8730



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.



180.6890, 8.8460, 15.9020



226.5960, 13.8420, 24.4820



178.9790, 13.6610, 11.2370



93.7170, 2.4750, 4.7070



66.7490, 46.4300, 83.6940



14.7540, 10.2210, 18.5170

Inverse Universe

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



180.6890, 8.8460, 15.9020



226.5960, 13.8420, 24.4820



188.0210, -13.6610, -11.2370



93.7170, 2.4750, 4.7070



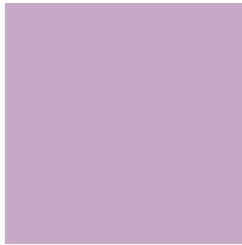
66.7490, 46.4300, 83.6940



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 180.6890, 8.8460, 15.9020 looks on a white background.

Color Contrast Check

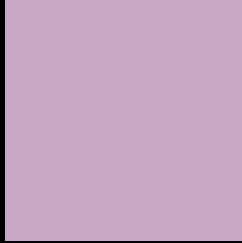
Large Text (above 18pt) WCAG AA × Fail

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 180.6890, 8.8460, 15.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

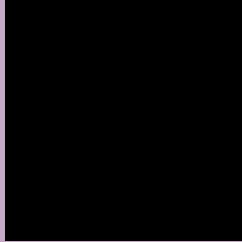
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.6890, 8.8460, 15.9020

Background



This preview shows how black text looks on a background with the YIQ color 180.6890, 8.8460, 15.9020.



This preview shows how white text looks on a background with the YIQ color 180.6890, 8.8460,

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

180.6890, 8.8460, 15.9020

Protanopia

178.1810, -10.4550, 7.7610

Deuteranopia

179.6230, 0.0440, 10.2200



Tritanopia

179.6690, 11.5980, 10.0780

Trichromacy



Original Color

180.6890, 8.8460, 15.9020

Protanomaly

178.8830, -3.6240, 10.6160

Deuteranomaly

179.9440, 3.5740, 12.3260

Tritanomaly

179.9510, 10.8640, 12.3680

Monochromacy



Original Color

180.6890, 8.8460, 15.9020

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.8420, 3.6210, 5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.6890, 8.8460, 15.9020 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(199, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 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(199, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 198) }
```

Border

The CSS property to change the border of an element to YIQ 180.6890, 8.8460, 15.9020 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(199, 168, 198) }
```


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

```
.border{ border-color:rgb(199, 168, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 180.6890, 8.8460, 15.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 198) }
```

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

```
.background{ background-color: rgb(199,  
168, 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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