

Converting Colors

YIQ(181.1620, 8.8920, 15.0680)

Have a look what the booklet for
YIQ(181.1620, 8.8920, 15.0680)
contains.

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Color

**YIQ(181.1620, 8.8920,
15.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A9C5
RGB	199, 169, 197
RGB Percent	78%, 66%, 77%
CMY	0.2195, 0.3373, 0.2274
CMYK	0.00, 0.15, 0.01, 0.22
HSL	304°, 21%, 72%
HSV	304°, 15%, 78%
XYZ	47.8233, 44.5479, 58.9034
YIQ	181.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

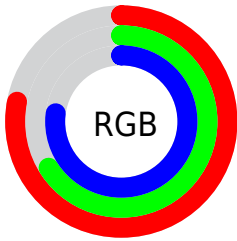
Format	Color
R_{YB}	199, 169, 197
Decimal	13085125
CIE _{Lab}	72.59, 15.82, -10.22
CIE _{LCh}	73, 18.829, 327.139
Yxy	44.5479, 0.3161, 0.2945
Android (android.graphics.Color)	4291275205 (0xFFC7A9C5)
YUV	181.1620, 7.8081, 15.6439
Hunter-Lab	66.7442, 11.0958, -5.6040

Details

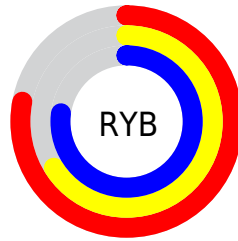
The YIQ color $181.1620, 8.8920, 15.0680$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $186.8380, -8.8920, -15.0680$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.6890, 8.8460, 15.9020$, and $128.3360, 8.3420, 14.0220$ is the 20% darker color. If you saturate the color by 10%, you get $169.3080, 14.7130, 25.2170$, and if you desaturate by 10%, it is $193.0160, 3.0710, 4.9190$.

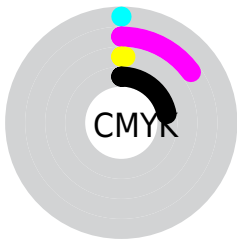
Distribution



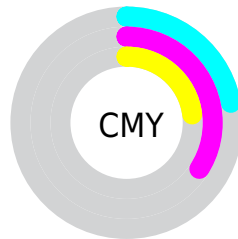
- Red (78%)
- Green (66%)
- Blue (77%)



- Red (78%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.1620, 8.8920, 15.0680 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 181.1620, 8.8920, 15.0680 by changing the saturation by 10% instead.

 181.1620, 8.8920,
15.0680


 181.1620, 8.8920,
15.0680

255.0000, -0.0000,
-0.0000

 154.1620, 8.8920,
15.0680


 236.6890, 8.8460,
15.9020


 128.3360, 8.3420,
14.0220

 253.8260, 0.5500,
1.0460

 103.0370, 7.7460,
13.8100

 78.6240, 7.4710,
13.2870

 55.7980, 6.9210,
12.2410

 34.0860, 6.0500,
11.5060

 11.4500, 8.0210,

14.3330

■ 0.0000, 0.0000,
0.0000

■ 181.1620, 8.8920,
15.0680

■ 181.1620, 8.8920,
15.0680

■ 169.3080, 14.7130,
25.2170

■ 193.0160, 3.0710,
4.9190

■ 157.3400, 20.8550,
35.0550

■ 204.9840, -3.0710,
-4.9190

■ 145.4860, 26.6760,
45.2040

■ 216.8380, -8.8920,
-15.0680

■ 133.6320, 32.4970,
55.3530

■ 228.6920,
-14.7130, -25.2170

■ 121.6640, 38.6390,
65.1910

■ 232.4420,
-17.0050, -27.7330

■ 110.3970, 44.1850,
74.8170

■ 232.5560,
-17.3260, -27.4220

■ 98.5430, 50.0060,
84.9660

■ 232.6700,
-17.6470, -27.1110

■ 86.5750, 56.1480,
94.8040

■ 232.8980,
-18.2890, -26.4890

■ 80.7050, 58.8980,
100.0340

■ 233.0120,
-18.6100, -26.1780

Harmonies

Analogous

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



179.4850, -8.2550, 11.9450



181.1620, 8.8920, 15.0680



181.0510, 22.3260, 13.8940

Triad

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



181.1620, 8.8920, 15.0680



177.4350, 20.4040, -6.3480



171.8260, -34.9810, -10.3170

Complementary

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



181.1620, 8.8920, 15.0680



186.8380, -8.8920, -15.0680

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.



171.9810, -25.3520, -14.1200



181.1620, 8.8920, 15.0680



175.9170, 7.0630, -12.3690

Square

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



181.1620, 8.8920, 15.0680



179.3700, 28.1970, 1.1010



173.6530, -9.8090, -14.9690



173.3410, -34.7530, -3.4330

Rectangle

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



181.1620, 8.8920, 15.0680



180.6940, 27.6450, 11.1090



173.6530, -9.8090, -14.9690



171.5550, -32.7800, -11.6600

Sweetspot

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



181.1620, 8.8920, 15.0680



247.2550, 3.8960, 6.4880



173.0180, -8.4380, 9.7540



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.



181.1620, 8.8920, 15.0680



227.6560, 13.6130, 23.1250



179.4520, 13.7070, 10.4030



93.7170, 2.4750, 4.7070



66.0650, 48.3560, 81.8280



14.5260, 10.8630, 17.8950

Inverse Universe

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



181.1620, 8.8920, 15.0680



227.6560, 13.6130, 23.1250



188.5480, -13.7070, -10.4030



93.7170, 2.4750, 4.7070



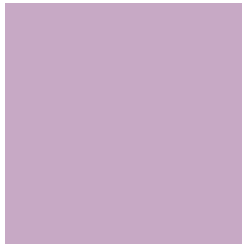
66.0650, 48.3560, 81.8280



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 181.1620, 8.8920, 15.0680 looks on a white background.

Color Contrast Check

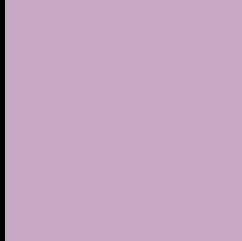
Large Text (above 18pt) WCAG AA × Fail

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 181.1620, 8.8920, 15.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

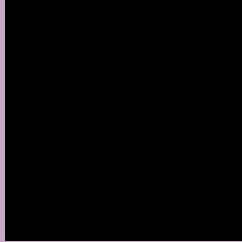
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.1620, 8.8920, 15.0680

Background



This preview shows how black text looks on a background with the YIQ color 181.1620, 8.8920, 15.0680.



This preview shows how white text looks on a background with the YIQ color 181.1620, 8.8920,

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

181.1620, 8.8920, 15.0680

Protanopia

178.9530, -9.8130, 7.1390

Deuteranopia

179.8080, 0.9610, 10.1210



Tritanopia

180.2560, 11.3230, 9.5550

Trichromacy



Original Color

181.1620, 8.8920, 15.0680

Protanomaly

179.6550, -2.9820, 9.9940

Deuteranomaly

180.4170, 3.6200, 11.4920

Tritanomaly

180.5380, 10.5890, 11.8450

Monochromacy



Original Color

181.1620, 8.8920, 15.0680

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.4290, 3.3460, 5.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.1620, 8.8920, 15.0680 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, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 169, 197)  
}
```

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, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 169, 197) }
```

Border

The CSS property to change the border of an element to YIQ 181.1620, 8.8920, 15.0680 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, 169, 197) }
```


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

```
.border{ border-color:rgb(199, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 169,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 181.1620, 8.8920, 15.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 169, 197) }
```

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

```
.background{ background-color: rgb(199,  
169, 197) }
```

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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