

Converting Colors

YIQ(171.9000, 6.8740, 18.6020)

Have a look what the booklet for
YIQ(171.9000, 6.8740, 18.6020)
contains.

YIQ(171.9000, 6.8740, 18.6020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(171.9000, 6.8740,
18.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9EC4
RGB	190, 158, 196
RGB Percent	75%, 62%, 77%
CMY	0.2548, 0.3804, 0.2314
CMYK	0.03, 0.19, 0.00, 0.23
HSL	291°, 24%, 69%
HSV	291°, 19%, 77%
XYZ	43.4299, 39.3851, 57.5373
YIQ	171.9000, 6.8740, 18.6020

Conversions

Conversions Part 2

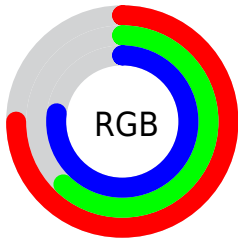
Format	Color
R_{YB}	190, 158, 196
Decimal	12492484
CIE _{Lab}	69.03, 18.61, -15.09
CIE _{LCh}	69, 23.957, 320.954
Yxy	39.3851, 0.3094, 0.2806
Android (android.graphics.Color)	4290682564 (0xFFBE9EC4)
YUV	171.9000, 11.8813, 15.8737
Hunter-Lab	62.7575, 13.7011, -10.4279

Details

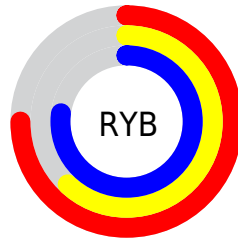
The YIQ color $171.9000, 6.8740, 18.6020$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $182.1000, -6.8740, -18.6020$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.7260, 7.4240, 19.6480$, and $119.0740, 6.3240, 17.5560$ is the 20% darker color. If you saturate the color by 10%, you get $159.2630, 10.5860, 28.4260$, and if you desaturate by 10%, it is $184.5370, 3.1620, 8.7780$.

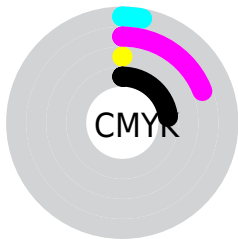
Distribution



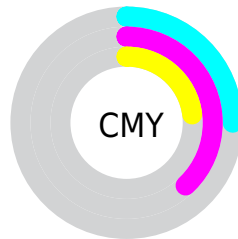
- Red (75%)
- Green (62%)
- Blue (77%)



- Red (75%)
- Yellow (62%)
- Blue (77%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.9000, 6.8740, 18.6020 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 171.9000, 6.8740, 18.6020 by changing the saturation by 10% instead.

■ 171.9000, 6.8740,
18.6020

■ 171.9000, 6.8740,
18.6020

■ 255.0000, -0.0000,
-0.0000

■ 145.4870, 6.5990,
18.0790

■ 227.7260, 7.4240,
19.6480

■ 119.0740, 6.3240,
17.5560

■ 246.7820, 3.8500,
7.3220

■ 94.6610, 6.0490,
17.0330

■ 70.8350, 5.4990,
15.9870

■ 48.0090, 4.9490,
14.9410

■ 26.5960, 4.6740,
14.4180

■ 8.6450, 2.9780,

12.1140

■ 0.0000, 0.0000,
0.0000

■ 171.9000, 6.8740,
18.6020

■ 171.9000, 6.8740,
18.6020

■ 159.2630, 10.5860,
28.4260

■ 184.5370, 3.1620,
8.7780

■ 147.2130, 14.0230,
37.7270

■ 196.5870, -0.2750,
-0.5230

■ 134.5760, 17.7350,
47.5510

■ 209.2240, -3.9870,
-10.3470

■ 122.5260, 21.1720,
56.8520

■ 221.2740, -7.4240,
-19.6480

■ 109.8890, 24.8840,
66.6760

■ 233.3240,
-10.8610, -28.9490

■ 97.2520, 28.5960,
76.5000

■ 234.5200, -8.4770,
-28.1010

■ 84.9030, 31.4370,
85.5890

■ 235.4170, -6.6890,
-27.4650

■ 72.2660, 35.1490,
95.4130

■ 236.3140, -4.9010,
-26.8290

■ 71.6790, 35.4240,
95.9360

■ 237.2110, -3.1130,
-26.1930

Harmonies

Analogous

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



169.4180, -15.3160, 13.2600



171.9000, 6.8740, 18.6020



172.0670, 25.3970, 18.8130

Triad

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



171.9000, 6.8740, 18.6020



168.3280, 28.0150, -6.6170



158.8030, -45.3420, -15.2780

Complementary

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



171.9000, 6.8740, 18.6020



182.1000, -6.8740, -18.6020

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.



160.1930, -29.0650, -18.4170



171.9000, 6.8740, 18.6020



166.0870, 12.3360, -14.3200

Square

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



171.9000, 6.8740, 18.6020



170.1430, 36.2660, 3.5460



163.0290, -8.1120, -18.1920



160.5890, -47.3150, -7.0510

Rectangle

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



171.9000, 6.8740, 18.6020



171.8520, 33.1920, 15.2080



163.0290, -8.1120, -18.1920



159.2010, -40.7110, -16.6070

Sweetspot

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



171.9000, 6.8740, 18.6020



245.5970, 2.9330, 7.4210



165.8540, -13.8480, 8.6800



122.1190, 1.2830, 4.2830



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.



171.9000, 6.8740, 18.6020



217.6760, 10.8610, 28.9490



172.2120, 14.6230, 15.8310



90.5320, 1.5580, 4.8060



58.7190, 28.7790, 78.6910



12.1340, 6.0950, 16.1990

Inverse Universe

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



170.0460, 20.7220, 9.9220



214.7810, 31.9540, 15.6180



181.7880, -14.6230, -15.8310



90.2180, 5.3180, 2.7420



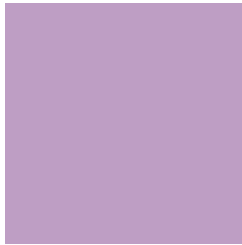
50.9890, 87.9310, 41.9070



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 171.9000, 6.8740, 18.6020 looks on a white background.

Color Contrast Check

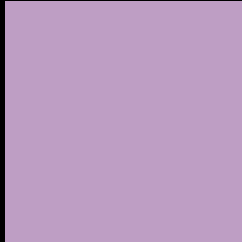
Large Text (above 18pt) WCAG AA × Fail

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 171.9000, 6.8740, 18.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

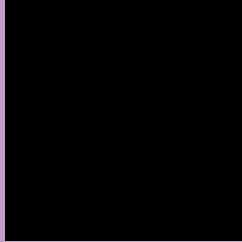
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.9000, 6.8740, 18.6020

Background



This preview shows how black text looks on a background with the YIQ color 171.9000, 6.8740, 18.6020.



This preview shows how white text looks on a background with the YIQ color 171.9000, 6.8740,

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

171.9000, 6.8740, 18.6020

Protanopia

169.1960, -14.8110, 9.6130

Deuteranopia

170.2250, -4.5870, 11.5490



Tritanopia

170.8430, 11.0480, 9.0320

Trichromacy



Original Color

171.9000, 6.8740, 18.6020

Protanomaly

170.4960, -6.7880, 12.8920

Deuteranomaly

170.8450, -0.4610, 13.8670

Tritanomaly

171.4670, 9.3510, 12.2550

Monochromacy



Original Color

171.9000, 6.8740, 18.6020

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.9000, 6.8740, 18.6020 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(190, 158, 196)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 196)  
}
```

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(190, 158, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 196) }
```

Border

The CSS property to change the border of an element to YIQ 171.9000, 6.8740, 18.6020 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(190, 158, 196) }
```


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

```
.border{ border-color:rgb(190, 158, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 158, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 196);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 171.9000, 6.8740, 18.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 196) }
```

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

```
.background{ background-color: rgb(190,  
158, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor