

Converting Colors

YIQ(171.4610, 9.4880, 15.2800)

Have a look what the booklet for
YIQ(171.4610, 9.4880, 15.2800)
contains.

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Color

**YIQ(171.4610, 9.4880,
15.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9FBB
RGB	190, 159, 187
RGB Percent	75%, 62%, 73%
CMY	0.2548, 0.3765, 0.2666
CMYK	0.00, 0.16, 0.02, 0.25
HSL	306°, 19%, 68%
HSV	306°, 16%, 75%
XYZ	42.6070, 39.3300, 52.3618
YIQ	171.4610, 9.4880, 15.2800

Conversions

Conversions Part 2

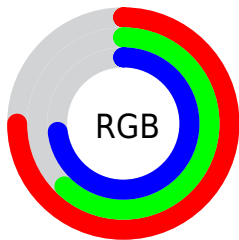
Format	Color
RYB	190, 159, 187
Decimal	12492731
CIELab	68.99, 16.33, -10.16
CIElCh	69, 19.231, 328.114
Yxy	39.3300, 0.3173, 0.2929
Android (android.graphics.Color)	4290682811 (0xFFBE9FBB)
YUV	171.4610, 7.6607, 16.2587
Hunter-Lab	62.7136, 11.5222, -5.6038

Details

The YIQ color $171.4610, 9.4880, 15.2800$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $177.5390, -9.4880, -15.2800$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $226.8740, 9.7630, 15.8030$, and $118.7490, 8.6170, 14.5450$ is the 20% darker color. If you saturate the color by 10%, you get $160.0800, 15.3550, 24.5950$, and if you desaturate by 10%, it is $182.8420, 3.6210, 5.9650$.

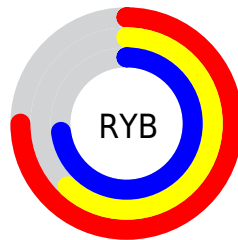
Distribution



Red (75%)

Green (62%)

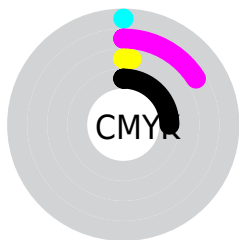
Blue (73%)



Red (75%)

Yellow (62%)

Blue (73%)

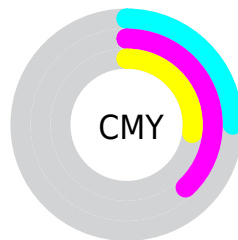


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4610, 9.4880, 15.2800 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 171.4610, 9.4880, 15.2800 by changing the saturation by 10% instead.

■ 171.4610, 9.4880,
15.2800

■ 171.4610, 9.4880,
15.2800

255.0000, -0.0000,
-0.0000

■ 145.0480, 9.2130,
14.7570

■ 227.1730, 10.3590,
16.0150

■ 118.7490, 8.6170,
14.5450

■ 247.3690, 3.5750,
6.7990

■ 94.3360, 8.3420,
14.0220

■ 70.5100, 7.7920,
12.9760

■ 48.0970, 7.5170,
12.4530

■ 26.3850, 6.6460,
11.7180

■ 7.8470, 5.2250,

9.9370

0.0000, 0.0000,
0.0000

171.4610, 9.4880,
15.2800

171.4610, 9.4880,
15.2800

160.0800, 15.3550,
24.5950

182.8420, 3.6210,
5.9650

148.6990, 21.2220,
33.9100

194.2230, -2.2460,
-3.3500

137.3180, 27.0890,
43.2250

205.6040, -8.1130,
-12.6650

126.0510, 32.6350,
52.8510

216.8710,
-13.6590, -22.2910

114.6700, 38.5020,
62.1660

228.2520,
-19.5260, -31.6060

■ 103.2890, 44.3690,
71.4810

■ 229.0670,
-20.4430, -31.5070

■ 91.9080, 50.2360,
80.7960

■ 229.2950,
-21.0850, -30.8850

■ 80.5270, 56.1030,
90.1110

■ 229.5230,
-21.7270, -30.2630

■ 76.4180, 58.0280,
93.7720

■ 229.7510,
-22.3690, -29.6410

Harmonies

Analogous

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



169.7840, -7.6590, 12.1570



171.4610, 9.4880, 15.2800



171.3500, 22.9220, 14.1060

Triad

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



171.4610, 9.4880, 15.2800



168.0220, 20.1290, -6.8710



161.6410, -35.8980, -10.2180

Complementary

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



171.4610, 9.4880, 15.2800



177.5390, -9.4880, -15.2800

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.



161.7960, -26.2690, -14.0210



171.4610, 9.4880, 15.2800



165.6180, 6.4670, -12.5810

Square

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



171.4610, 9.4880, 15.2800



169.2560, 28.5180, 0.7900



163.4680, -10.7260, -14.8700



163.4550, -35.0740, -3.1220

Rectangle

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



171.4610, 9.4880, 15.2800



170.8790, 28.5620, 11.0100



163.4680, -10.7260, -14.8700



161.2560, -33.3760, -11.8720

Sweetspot

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



171.4610, 9.4880, 15.2800



239.8420, 3.6210, 5.9650



163.4310, -8.1630, 10.2770



120.1900, 2.5210, 3.8730



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



171.4610, 9.4880, 15.2800



217.7810, 14.7590, 24.3830



169.7510, 14.3030, 10.6150



88.6030, 2.7960, 4.3960



63.5440, 48.2650, 77.9690



12.4610, 9.4880, 15.2800

Inverse Universe

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



171.4610, 9.4880, 15.2800



217.7810, 14.7590, 24.3830



179.2490, -14.3030, -10.6150



88.6030, 2.7960, 4.3960



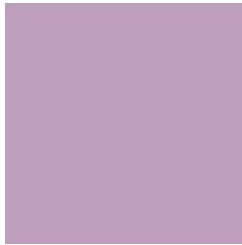
63.5440, 48.2650, 77.9690



12.4610, 9.4880, 15.2800

Previews

White Background



This preview shows how the YIQ color 171.4610, 9.4880, 15.2800 looks on a white background.

Color Contrast Check

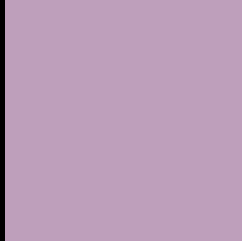
Large Text (above 18pt) WCAG AA × Fail

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 171.4610, 9.4880, 15.2800 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 171.4610, 9.4880, 15.2800

Background



This preview shows how black text looks on a background with the YIQ color 171.4610, 9.4880, 15.2800.



This preview shows how white text looks on a background with the YIQ color 171.4610, 9.4880,

15.2800.

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

171.4610, 9.4880, 15.2800

Protanopia

168.9530, -9.8130, 7.1390

Deuteranopia

170.3950, 0.6860, 9.5980



Tritanopia

170.5550, 11.9190, 9.7670

Trichromacy



Original Color

171.4610, 9.4880, 15.2800

Protanomaly

169.6550, -2.9820, 9.9940

Deuteranomaly

170.7160, 4.2160, 11.7040

Tritanomaly

170.8370, 11.1850, 12.0570

Monochromacy



Original Color

171.4610, 9.4880, 15.2800

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.4290, 3.3460, 5.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4610, 9.4880, 15.2800 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, 159, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 187)  
}
```

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, 159, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 187) }
```

Border

The CSS property to change the border of an element to YIQ 171.4610, 9.4880, 15.2800 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, 159, 187) }
```


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

```
.border{ border-color:rgb(190, 159, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 159, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 159, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 159, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 159,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4610, 9.4880, 15.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 159, 187) }
```

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

```
.background{ background-color: rgb(190,  
159, 187) }
```

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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