

Converting Colors

YIQ(159.3910, 15.6770, 18.7570)

Have a look what the booklet for
YIQ(159.3910, 15.6770, 18.7570)
contains.

YIQ(159.3910, 15.6770, 18.7570)	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(159.3910, 15.6770,
18.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8FAE
RGB	186, 143, 174
RGB Percent	73%, 56%, 68%
CMY	0.2705, 0.4393, 0.3176
CMYK	0.00, 0.23, 0.06, 0.27
HSL	317°, 24%, 65%
HSV	317°, 23%, 73%
XYZ	37.7179, 33.1389, 44.4579
YIQ	159.3910, 15.6770, 18.7570

Conversions

Conversions Part 2

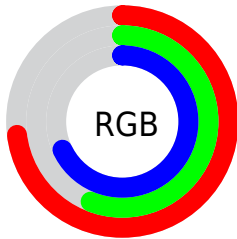
Format	Color
R_{YB}	186, 143, 174
Decimal	12226478
CIE _{Lab}	64.27, 21.42, -9.97
CIE _{LCh}	64, 23.631, 335.038
Yxy	33.1389, 0.3271, 0.2874
Android (android.graphics.Color)	4290416558 (0xFFBA8FAE)
YUV	159.3910, 7.2022, 23.3361
Hunter-Lab	57.5664, 16.2134, -5.4925

Details

The YIQ color **159.3910, 15.6770, 18.7570** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.6090, -15.6770, -18.7570**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4020, 17.1440, 19.7040**, and **107.3800, 14.2100, 17.8100** is the 20% darker color. If you saturate the color by 10%, you get **147.6680, 22.5070, 27.1390**, and if you desaturate by 10%, it is **171.1140, 8.8470, 10.3750**.

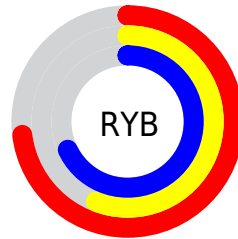
Distribution



Red (73%)

Green (56%)

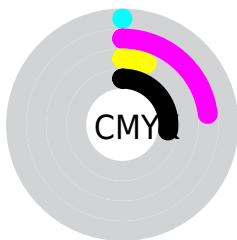
Blue (68%)



Red (73%)

Yellow (56%)

Blue (68%)

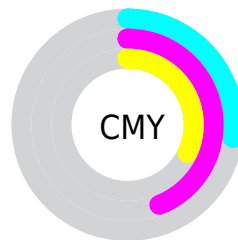


Cyan (0%)

Magenta (23%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3910, 15.6770, 18.7570 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 159.3910, 15.6770, 18.7570 by changing the saturation by 10% instead.


 159.3910, 15.6770,
18.7570

 159.3910, 15.6770,
18.7570


255.0000, -0.0000,
-0.0000

 132.9780, 15.4020,
18.2340


 214.4020, 17.1440,
19.7040


 107.3800, 14.2100,
17.8100


 237.3900, 8.2500,
15.6900

 82.9670, 13.9350,
17.2870

254.4130, 0.2750,
0.5230

 59.2550, 13.0640,
16.5520

 37.1300, 11.9180,
15.2940

 14.3690, 12.7430,
16.8630

 0.0000, 0.0000,

0.0000

159.3910, 15.6770,
18.7570

159.3910, 15.6770,
18.7570

147.6680, 22.5070,
27.1390

171.1140, 8.8470,
10.3750

136.5320, 29.0620,
34.9980

182.2500, 2.2920,
2.5160

124.6950, 36.2130,
43.0690

194.0870, -4.8590,
-5.5550

113.5590, 42.7680,
50.9280

205.2230,
-11.4140, -13.4140

101.8360, 49.5980,
59.3100

216.9460,
-18.2440, -21.7960

90.1130, 56.4280,
67.6920

228.6690,
-25.0740, -30.1780

■ 78.9770, 62.9830,
75.5510

■ 229.2390,
-26.6790, -28.6230

■ 70.8900, 67.8420,
81.1060

■ 229.9230,
-28.6050, -26.7570

■ 230.4930,
-30.2100, -25.2020

Harmonies

Analogous

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



158.1590, -4.2210, 15.9310



159.3910, 15.6770, 18.7570



158.8240, 30.3950, 16.3390

Triad

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



159.3910, 15.6770, 18.7570



154.8000, 20.6340, -10.5180



146.5410, -47.3600, -11.7440

Complementary

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



159.3910, 15.6770, 18.7570



169.6090, -15.6770, -18.7570

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.



146.6420, -37.6390, -17.2150



159.3910, 15.6770, 18.7570



152.2430, 3.0290, -16.3550

Square

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



159.3910, 15.6770, 18.7570



155.9420, 32.2780, -1.2740



148.9400, -18.1070, -18.7710



149.9750, -42.4100, -2.3300

Rectangle

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



159.3910, 15.6770, 18.7570



158.1140, 35.2100, 11.6740



148.9400, -18.1070, -18.7710



145.8570, -45.4340, -13.6100

Sweetspot

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



159.3910, 15.6770, 18.7570



231.5650, 5.9590, 7.6470



151.1910, -7.2470, 15.7050



116.4890, 3.1170, 4.0850



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



159.3910, 15.6770, 18.7570



199.9180, 24.7990, 29.6550



156.9970, 22.4180, 12.2260



86.3750, 3.4380, 3.7740



59.4120, 57.0240, 67.9040



10.6520, 10.2680, 12.1560

Inverse Universe

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



159.3910, 15.6770, 18.7570



199.9180, 24.7990, 29.6550



172.0030, -22.4180, -12.2260



86.3750, 3.4380, 3.7740



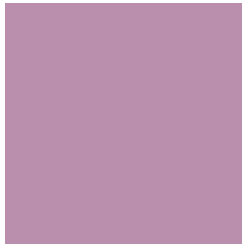
59.4120, 57.0240, 67.9040



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 159.3910, 15.6770, 18.7570 looks on a white background.

Color Contrast Check

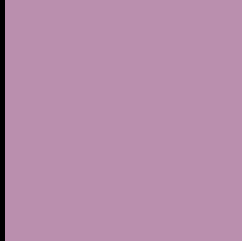
Large Text (above 18pt) WCAG AA × Fail

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 159.3910, 15.6770, 18.7570 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 159.3910, 15.6770, 18.7570

Background



This preview shows how black text looks on a background with the YIQ color 159.3910, 15.6770, 18.7570.



This preview shows how white text looks on a background with the YIQ color 159.3910, 15.6770,

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

159.3910, 15.6770, 18.7570

Protanopia

156.8820, -11.0510, 7.5490

Deuteranopia

157.8680, 0.7320, 8.7640



Tritanopia

158.6160, 19.1170, 11.4770

Trichromacy



Original Color

159.3910, 15.6770, 18.7570

Protanomaly

158.0790, -1.2400, 11.4640

Deuteranomaly

158.6130, 6.0040, 12.3400

Tritanomaly

159.0120, 18.0620, 14.0780

Monochromacy



Original Color

159.3910, 15.6770, 18.7570

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0380, 6.0050, 6.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3910, 15.6770, 18.7570 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(186, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(186, 143, 174)  
}
```

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(186, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 143, 174) }
```

Border

The CSS property to change the border of an element to YIQ 159.3910, 15.6770, 18.7570 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(186, 143, 174) }
```


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

```
.border{ border-color:rgb(186, 143, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 143, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 143, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 143, 174);  
box-shadow:4px 4px 4px 4px rgb(186, 143,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3910, 15.6770, 18.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 143, 174) }
```

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

```
.background{ background-color: rgb(186,  
143, 174) }
```

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