

Converting Colors

YUV(159.7710, 7.5079, 18.6178)

Have a look what the booklet for
YUV(159.7710, 7.5079, 18.6178)
contains.

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Color

**YUV(159.7710, 7.5079,
18.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	B592AF
RGB	181, 146, 175
RGB Percent	71%, 57%, 69%
CMY	0.2902, 0.4275, 0.3137
CMYK	0.00, 0.19, 0.03, 0.29
HSL	310°, 19%, 64%
HSV	310°, 19%, 71%
XYZ	37.0728, 33.4767, 45.0651
YIQ	159.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

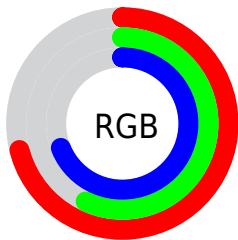
Format	Color
R_{YB}	181, 146, 175
Decimal	11899567
CIE _{Lab}	64.55, 18.15, -10.18
CIE _{LCh}	65, 20.804, 330.715
Yxy	33.4767, 0.3207, 0.2896
Android (android.graphics.Color)	4290089647 (0xFFB592AF)
YUV	159.7710, 7.5079, 18.6178
Hunter-Lab	57.8590, 13.1194, -5.6784

Details

The YUV color **159.7710, 7.5079, 18.6178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.2290, -7.5079, -18.6178**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5970, 8.0867, 19.6474**, and **108.0590, 7.3659, 17.4883** is the 20% darker color. If you saturate the color by 10%, you get **148.8630, 11.4065, 28.1841**, and if you desaturate by 10%, it is **170.6790, 3.6093, 9.0515**.

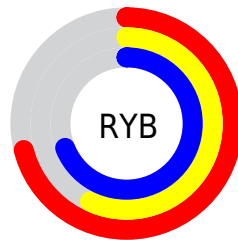
Distribution



Red (71%)

Green (57%)

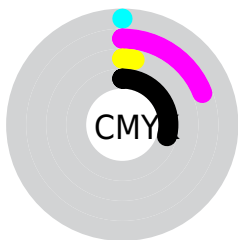
Blue (69%)



Red (71%)

Yellow (57%)

Blue (69%)

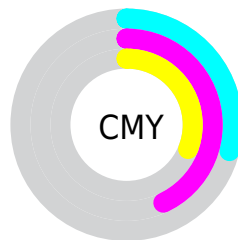


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7710, 7.5079, 18.6178 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 YUV color 159.7710, 7.5079, 18.6178 by changing the saturation by 10% instead.

■ 159.7710, 7.5079,
18.6178

■ 159.7710, 7.5079,
18.6178

255.0000, 0.0000,
0.0000

■ 133.3580, 7.2185,
18.1030

■ 214.5970, 8.0867,
19.6474

■ 108.0590, 7.3659,
17.4883

■ 239.1510, 7.8136,
13.8996

■ 83.3470, 7.2239,
16.3587

■ 59.9340, 6.9345,
15.8439

■ 38.1080, 6.3558,
14.8143

■ 15.3470, 7.2239,
16.3587

■ 0.2280, 0.8736,

-0.2000

0.0000, 0.0000,
0.0000

159.7710, 7.5079,
18.6178

159.7710, 7.5079,
18.6178

148.8630, 11.4065,
28.1841

170.6790, 3.6093,
9.0515

137.9550, 15.3052,
37.7505

181.5870, -0.2894,
-0.5148

127.0470, 19.2038,
47.3168

192.4950, -4.1880,
-10.0811

116.1390, 23.1025,
56.8831

203.4030, -8.0867,
-19.6474

104.5300, 26.8537,
67.0642

215.0120,
-11.8379, -29.8285

■ 93.6220, 30.7524,
76.6305

■ 225.9200,
-15.7366, -39.3948

■ 82.7140, 34.6510,
86.1968

■ 226.2620,
-14.4262, -39.6948

■ 71.8060, 38.5496,
95.7631

■ 226.6040,
-13.1158, -39.9947

■ 71.2190, 38.8390,
96.2779

■ 226.9460,
-11.8054, -40.2946

Harmonies

Analogous

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



158.4960, 14.5455, 1.3190



159.7710, 7.5079, 18.6178



159.5460, -1.2552, 29.3392

Triad

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



159.7710, 7.5079, 18.6178



155.4950, -17.4990, 12.7209



148.4880, 13.0704, -39.0160

Complementary

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



159.7710, 7.5079, 18.6178



167.2290, -7.5079, -18.6178

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.



149.0020, 3.4500, -33.3278



159.7710, 7.5079, 18.6178



153.4930, -14.5400, -3.0634

Square

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



159.7710, 7.5079, 18.6178



157.3270, -15.9372, 25.1462



151.1580, -6.4869, -19.4326



150.9000, 18.2903, -33.2383

Rectangle

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



159.7710, 7.5079, 18.6178



159.2490, -7.5178, 31.3536



151.1580, -6.4869, -19.4326



148.6900, 10.0128, -38.3161

Sweetspot

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



159.7710, 7.5079, 18.6178



226.4400, 2.7411, 7.5071



151.7840, 14.4035, 0.1894



112.1900, 1.8783, 4.2184



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



159.7710, 7.5079, 18.6178



202.1620, 11.2591, 28.7989



157.8330, 0.0823, 20.3175



83.6030, 2.1677, 4.7332



60.2250, 32.9201, 81.3637



10.1680, 5.3402, 13.8847

Inverse Universe

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



159.7710, 7.5079, 18.6178



202.1620, 11.2591, 28.7989



169.1670, -0.0823, -20.3175



83.6030, 2.1677, 4.7332



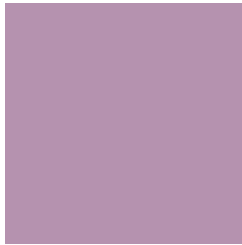
60.2250, 32.9201, 81.3637



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 159.7710, 7.5079, 18.6178 looks on a white background.

Color Contrast Check

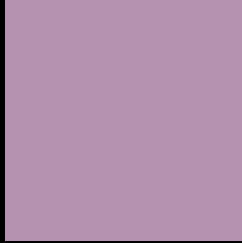
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 159.7710, 7.5079, 18.6178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

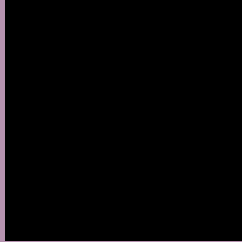
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.7710, 7.5079, 18.6178

Background



This preview shows how black text looks on a background with the YUV color 159.7710, 7.5079, 18.6178.



This preview shows how white text looks on a background with the YUV color 159.7710, 7.5079,

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

159.7710, 7.5079, 18.6178

Protanopia

157.0670, 11.7990, -4.4438

Deuteranopia

158.0960, 7.8407, 5.1778



Tritanopia

159.2240, 0.3826, 17.3436

Trichromacy



Original Color

159.7710, 7.5079, 18.6178

Protanomaly

158.3670, 10.1721, 4.0631

Deuteranomaly

158.7160, 7.5350, 9.8961

Tritanomaly

159.5060, 2.7085, 17.9732

Monochromacy



Original Color

159.7710, 7.5079, 18.6178

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7710, 7.5079, 18.6178 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(181, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 146, 175)  
}
```

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(181, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 146, 175) }
```

Border

The CSS property to change the border of an element to YUV 159.7710, 7.5079, 18.6178 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(181, 146, 175) }
```


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

```
.border{ border-color:rgb(181, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 146,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 159.7710, 7.5079, 18.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 146, 175) }
```

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

```
.background{ background-color: rgb(181,  
146, 175) }
```

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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