

Converting Colors

YUV(159.8750, 6.4706, 24.6656)

Have a look what the booklet for
YUV(159.8750, 6.4706, 24.6656)
contains.

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Color

**YUV(159.8750, 6.4706,
24.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8FAD
RGB	188, 143, 173
RGB Percent	74%, 56%, 68%
CMY	0.2627, 0.4392, 0.3216
CMYK	0.00, 0.24, 0.08, 0.26
HSL	320°, 25%, 65%
HSV	320°, 24%, 74%
XYZ	38.1043, 33.3534, 43.9647
YIQ	159.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

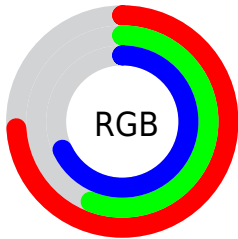
Format	Color
RYB	188, 143, 173
Decimal	12357549
CIELab	64.45, 21.93, -9.12
CIELCh	64, 23.751, 337.410
Yxy	33.3534, 0.3301, 0.2890
Android (android.graphics.Color)	4290547629 (0xFFBC8FAD)
YUV	159.8750, 6.4706, 24.6656
Hunter-Lab	57.7524, 16.7053, -4.7085

Details

The YUV color **159.8750, 6.4706, 24.6656** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.1250, -6.4706, -24.6656**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8860, 6.4652, 26.4100**, and **107.8640, 6.4760, 22.9213** is the 20% darker color. If you saturate the color by 10%, you get **148.0380, 9.3483, 35.0467**, and if you desaturate by 10%, it is **171.7120, 3.5930, 14.2846**.

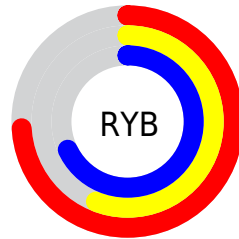
Distribution



Red (74%)

Green (56%)

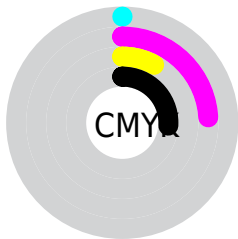
Blue (68%)



Red (74%)

Yellow (56%)

Blue (68%)

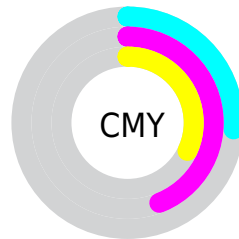


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (26%)



Cyan (26%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.8750, 6.4706, 24.6656 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 159.8750, 6.4706, 24.6656 by changing the saturation by 10% instead.

 159.8750, 6.4706,
24.6656

 159.8750, 6.4706,
24.6656


255.0000, 0.0000,
0.0000

 133.4620, 6.1812,
24.1508

 214.8860, 6.4652,
26.4100


 107.8640, 6.4760,
22.9213


 237.3900, 8.6817,
15.4440

 83.1520, 6.3341,
21.7917

254.4130, 0.2894,
0.5148

 59.7390, 6.0447,
21.2769

 37.1410, 6.3395,
20.0473

 14.6680, 7.0657,
20.4622

 0.0000, 0.0000,

0.0000

159.8750, 6.4706,
24.6656

159.8750, 6.4706,
24.6656

148.0380, 9.3483,
35.0467

171.7120, 3.5930,
14.2846

136.0870, 11.7891,
45.5277

183.6630, 1.1521,
3.8035

124.8370, 14.3774,
55.3940

194.9130, -1.4361,
-6.0627

113.0000, 17.2550,
65.7750

206.7500, -4.3137,
-16.4438

101.1630, 20.1326,
76.1560

218.5870, -7.1914,
-26.8248

89.2120, 22.5735,
86.6371

229.9510, -9.3428,
-36.7910

■ 77.3750, 25.4511,
97.0181

■ 230.6350, -6.7221,
-37.3909

■ 70.4620, 26.8872,
103.0808

■ 231.3190, -4.1013,
-37.9908

■ 232.0030, -1.4805,
-38.5906

Harmonies

Analogous

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



158.7570, 15.4028, 6.3521



159.8750, 6.4706, 24.6656



159.5960, -3.7448, 34.5573

Triad

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



159.8750, 6.4706, 24.6656



155.0880, -20.2564, 10.4468



146.7690, 16.8759, -46.2784

Complementary

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



159.8750, 6.4706, 24.6656



171.1250, -6.4706, -24.6656

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.



146.5710, 7.1135, -41.7198



159.8750, 6.4706, 24.6656



152.3460, -14.9606, -8.1964

Square

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



159.8750, 6.4706, 24.6656



156.5290, -18.9948, 25.8461



149.4560, -5.1548, -26.7099



150.5020, 21.9375, -36.3973

Rectangle

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



159.8750, 6.4706, 24.6656



158.5870, -10.1494, 35.4422



149.4560, -5.1548, -26.7099



146.6720, 13.9657, -46.1933

Sweetspot

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



159.8750, 6.4706, 24.6656



234.3370, 2.2989, 9.3515



152.6150, 17.4448, 4.7226



116.3750, 1.2941, 4.9331



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.



159.8750, 6.4706, 24.6656



200.5870, 10.0636, 38.9502



157.3670, -3.1389, 26.8651



88.3750, 1.2941, 4.9331



59.2120, 22.5735, 86.6371



11.5490, 4.1663, 17.0585

Inverse Universe

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



159.8750, 6.4706, 24.6656



200.5870, 10.0636, 38.9502



173.6330, 3.1389, -26.8651



88.3750, 1.2941, 4.9331



59.2120, 22.5735, 86.6371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 159.8750, 6.4706, 24.6656 looks on a white background.

Color Contrast Check

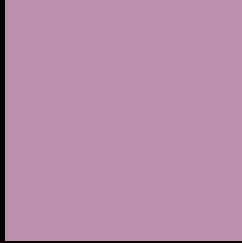
Large Text (above 18pt) WCAG AA × Fail

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 159.8750, 6.4706, 24.6656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

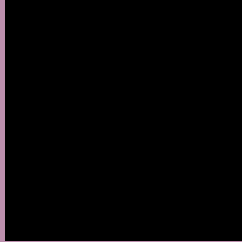
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.8750, 6.4706, 24.6656

Background



This preview shows how black text looks on a background with the YUV color 159.8750, 6.4706, 24.6656.



This preview shows how white text looks on a background with the YUV color 159.8750, 6.4706,

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

159.8750, 6.4706, 24.6656

Protanopia

157.0670, 11.7990, -4.4438

Deuteranopia

158.0530, 6.3829, 6.0925



Tritanopia

159.2140, -1.0915, 23.4913

Trichromacy



Original Color

159.8750, 6.4706, 24.6656

Protanomaly

158.2640, 9.7298, 5.9075

Deuteranomaly

158.7980, 6.5086, 12.4552

Tritanomaly

159.6100, 1.6713, 24.0210

Monochromacy



Original Color

159.8750, 6.4706, 24.6656

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0380, 2.4463, 8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8750, 6.4706, 24.6656 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(188, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 143, 173)  
}
```

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(188, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 143, 173) }
```

Border

The CSS property to change the border of an element to YUV 159.8750, 6.4706, 24.6656 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(188, 143, 173) }
```


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

```
.border{ border-color:rgb(188, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 143,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 159.8750, 6.4706, 24.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 143, 173) }
```

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

```
.background{ background-color: rgb(188,  
143, 173) }
```

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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