

Converting Colors

YUV(157.3850, 9.6702, 25.0954)

Have a look what the booklet for
YUV(157.3850, 9.6702, 25.0954)
contains.

YUV(157.3850, 9.6702, 25.0954)	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

**YUV(157.3850, 9.6702,
25.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8BB1
RGB	186, 139, 177
RGB Percent	73%, 55%, 69%
CMY	0.2706, 0.4549, 0.3059
CMYK	0.00, 0.25, 0.05, 0.27
HSL	311°, 25%, 64%
HSV	311°, 25%, 73%
XYZ	37.4181, 32.0787, 45.8146
YIQ	157.3850, 15.8140, 21.7820

Conversions

Conversions Part 2

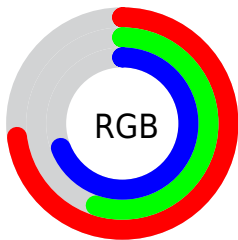
Format	Color
RYB	186, 139, 177
Decimal	12225457
CIELab	63.41, 24.18, -12.96
CIELCh	63, 27.431, 331.809
Yxy	32.0787, 0.3245, 0.2782
Android (android.graphics.Color)	4290415537 (0xFFBA8BB1)
YUV	157.3850, 9.6702, 25.0954
Hunter-Lab	56.6380, 18.8101, -8.3132

Details

The YUV color $157.3850, 9.6702, 25.0954$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $167.6150, -9.6702, -25.0954$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.5100, 10.1016, 26.7397$, and $105.2600, 9.2388, 23.4510$ is the 20% darker color. If you saturate the color by 10%, you get $145.7760, 13.4214, 35.2764$, and if you desaturate by 10%, it is $168.9940, 5.9190, 14.9143$.

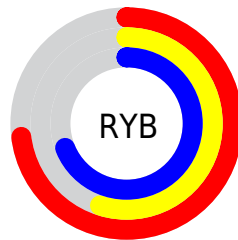
Distribution



Red (73%)

Green (55%)

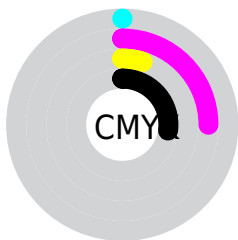
Blue (69%)



Red (73%)

Yellow (55%)

Blue (69%)

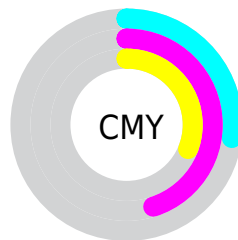


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.3850, 9.6702, 25.0954 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 157.3850, 9.6702, 25.0954 by changing the saturation by 10% instead.

 157.3850, 9.6702,
25.0954

 157.3850, 9.6702,
25.0954


255.0000, 0.0000,
0.0000

 130.9720, 9.3808,
24.5806


 212.5100, 10.1016,
26.7397


 105.2600, 9.2388,
23.4510


 235.0420, 9.8393,
17.5032

 80.8470, 8.9494,
22.9362

 252.0650, 1.4470,
2.5740

 57.7220, 8.5181,
21.2918

 34.5370, 9.1023,
20.5771

 14.7110, 8.5235,
19.5475

 0.4560, 1.7472,

-0.3999

0.0000, 0.0000,
0.0000

157.3850, 9.6702,
25.0954

157.3850, 9.6702,
25.0954

145.7760, 13.4214,
35.2764

168.9940, 5.9190,
14.9143

134.8680, 17.3201,
44.8428

179.9020, 2.0203,
5.3479

123.2590, 21.0713,
55.0239

191.5110, -1.7309,
-4.8331

112.3510, 24.9700,
64.5902

202.4190, -5.6296,
-14.3995

100.7420, 28.7212,
74.7713

214.0280, -9.3808,
-24.5806

■ 89.2470, 32.9092,
84.8524

■ 225.5230,
-13.5688, -34.6617

■ 78.2250, 36.3711,
94.5187

■ 228.3270,
-12.9792, -37.1208

■ 72.7140, 38.1020,
99.3518

■ 228.6690,
-11.6688, -37.4207

■ 229.1250, -9.9216,
-37.8206

Harmonies

Analogous

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



156.0600, 19.1974, 2.5784



157.3850, 9.6702, 25.0954



156.7860, -1.8665, 38.7757

Triad

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



157.3850, 9.6702, 25.0954



151.7250, -23.0354, 15.1502



140.1590, 18.6556, -57.1444

Complementary

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



157.3850, 9.6702, 25.0954



167.6150, -9.6702, -25.0954

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.



141.8970, 5.9668, -47.2677



157.3850, 9.6702, 25.0954



149.3310, -18.8972, -5.5523

Square

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



157.3850, 9.6702, 25.0954



153.9920, -21.1951, 31.5790



146.0600, -7.9176, -27.2396



144.3480, 25.4644, -47.6632

Rectangle

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



157.3850, 9.6702, 25.0954



156.1470, -9.4395, 41.0901



146.0600, -7.9176, -27.2396



140.5460, 15.0138, -55.7298

Sweetspot

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



157.3850, 9.6702, 25.0954



230.5050, 4.1880, 10.0811



147.0490, 19.2028, 0.8340



114.7280, 2.5991, 6.3775



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.



157.3850, 9.6702, 25.0954



198.1400, 14.7210, 38.4652



154.7630, -0.3762, 27.3948



86.4890, 1.7309, 4.8331



61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Inverse Universe

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



157.3850, 9.6702, 25.0954



198.1400, 14.7210, 38.4652



170.2370, 0.3762, -27.3948



86.4890, 1.7309, 4.8331



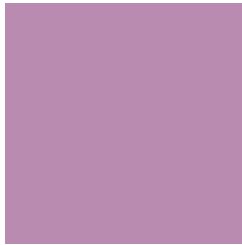
61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 157.3850, 9.6702, 25.0954 looks on a white background.

Color Contrast Check

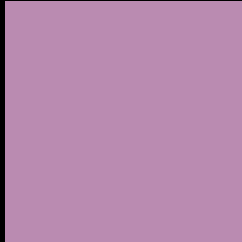
Large Text (above 18pt) WCAG AA × Fail

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 157.3850, 9.6702, 25.0954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

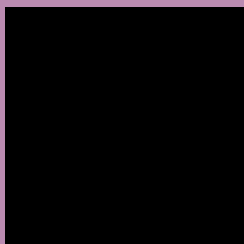
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.3850, 9.6702, 25.0954

Background



This preview shows how black text looks on a background with the YUV color 157.3850, 9.6702, 25.0954.



This preview shows how white text looks on a background with the YUV color 157.3850, 9.6702,

25.0954.

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

157.3850, 9.6702, 25.0954

Protanopia

154.0820, 15.7356, -7.0879

Deuteranopia

155.5410, 9.5933, 3.0335



Tritanopia

156.2140, -1.0915, 23.4913

Trichromacy



Original Color

157.3850, 9.6702, 25.0954

Protanomaly

155.2900, 13.6610, 5.0077

Deuteranomaly

156.2970, 9.7136, 11.1405

Tritanomaly

156.8380, 2.5449, 23.8211

Monochromacy



Original Color

157.3850, 9.6702, 25.0954

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.3850, 9.6702, 25.0954 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, 139, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 139, 177)  
}
```

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, 139, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 139, 177) }
```

Border

The CSS property to change the border of an element to YUV 157.3850, 9.6702, 25.0954 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, 139, 177) }
```


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

```
.border{ border-color:rgb(186, 139, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 139, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 139, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 139, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 139,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 157.3850, 9.6702, 25.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 139, 177) }
```

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

```
.background{ background-color: rgb(186,  
139, 177) }
```

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