

Converting Colors

YUV(157.8150, 24.2482,
15.9482)

Have a look what the booklet for
YUV(157.8150, 24.2482, 15.9482)
contains.

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Color

**YUV(157.8150, 24.2482,
15.9482)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B08BCF |
| RGB | 176, 139, 207 |
| RGB Percent | 69%, 55%, 81% |
| CMY | 0.3098, 0.4549, 0.1882 |
| CMYK | 0.15, 0.33, 0.00, 0.19 |
| HSL | 273°, 41%, 68% |
| HSV | 273°, 33%, 81% |
| XYZ | 38.3996, 32.2003, 63.2229 |
| YIQ | 157.8150, 0.2240, 28.9920 |

Conversions

Conversions Part 2

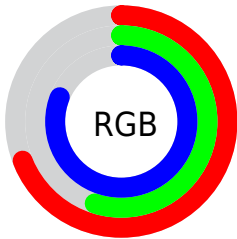
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 176, 139, 207 |
| Decimal | 11570127 |
| CIE _{Lab} | 63.51, 26.92, -29.77 |
| CIE _{LCh} | 64, 40.138, 312.123 |
| Yxy | 32.2003, 0.2869, 0.2406 |
| Android (android.graphics.Color) | 4289760207 (0xFFB08BCF) |
| YUV | 157.8150, 24.2482, 15.9482 |
| Hunter-Lab | 56.7453, 21.4867, -26.3363 |

Details

The YUV color $157.8150, 24.2482, 15.9482$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $188.1850, -24.2482, -15.9482$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $211.7290, 21.3326, 17.7777$, and $105.4620, 22.9432, 14.5038$ is the 20% darker color. If you saturate the color by 10%, you get $142.7970, 31.6521, 21.2260$, and if you desaturate by 10%, it is $172.8330, 16.8443, 10.6705$.

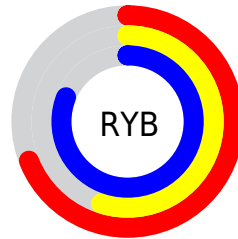
Distribution



Red (69%)

Green (55%)

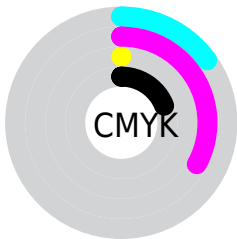
Blue (81%)



Red (69%)

Yellow (55%)

Blue (81%)

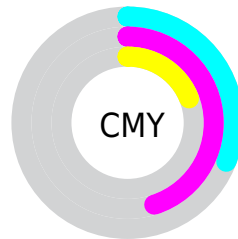


Cyan (15%)

Magenta (33%)

Yellow (0%)

Black (19%)



Cyan (31%)


Magenta (45%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.8150, 24.2482, 15.9482 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 157.8150, 24.2482, 15.9482 by changing the saturation by 10% instead.


 157.8150, 24.2482,
15.9482

 157.8150, 24.2482,
15.9482


255.0000, 0.0000,
0.0000


 131.2880, 23.5220,
15.5334


 211.7290, 21.3326,
17.7777


 105.4620, 22.9432,
14.5038


 235.0420, 9.8393,
17.5032

 81.5220, 21.9277,
13.5742

 252.0650, 1.4470,
2.5740

 57.6960, 21.3489,
12.5446

 34.8700, 20.7701,
11.5150

 13.9300, 19.7545,
10.5854

 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 157.8150, 24.2482,
15.9482

■ 157.8150, 24.2482,
15.9482

■ 142.7970, 31.6521,
21.2260

■ 172.8330, 16.8443,
10.6705

■ 128.0670, 38.9140,
25.3742

■ 187.5630, 9.5824,
6.5222

■ 113.0490, 46.3178,
30.6520

■ 202.5810, 2.1786,
1.2445

■ 97.7320, 53.8691,
35.3150

■ 217.8980, -5.3727,
-3.4185

82.7140, 61.2730,
40.5928

232.9160,
-12.7766, -8.6963

67.9840, 68.5349,
44.7410

242.9500,
-17.7234, -8.7262

57.3850, 73.7602,
48.7744

245.6410,
-19.0500, -3.1932

248.3320,
-20.3767, 2.3398

249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



151.4230, 35.2875, -24.9270



157.8150, 24.2482, 15.9482



157.8050, 9.4631, 44.8980

Triad

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



157.8150, 24.2482, 15.9482



152.3380, -32.7046, 36.5376



120.7030, 23.3174, -105.8565

Complementary

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



157.8150, 24.2482, 15.9482



188.1850, -24.2482, -15.9482

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.



137.4370, -3.1734, -55.6342



157.8150, 24.2482, 15.9482



149.3580, -33.2075, 11.0870

Square

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



157.8150, 24.2482, 15.9482



154.3800, -22.8653, 54.0407



145.5050, -22.9270, -19.7369



122.7040, 38.5999, -107.6114

Rectangle

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



157.8150, 24.2482, 15.9482



156.5970, -1.7733, 55.6044



145.5050, -22.9270, -19.7369



124.6140, 14.9803, -91.7465

Sweetspot

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



157.8150, 24.2482, 15.9482



236.7370, 9.0037, 5.4927



165.5360, 20.4418, -23.2721



116.5150, 5.6621, 3.9333



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



157.8150, 24.2482, 15.9482



183.4320, 35.2830, 23.3001



166.8560, 18.8050, 35.2063



97.0480, 3.9203, 2.5889



46.6600, 59.8206, 39.7632



11.2520, 14.6658, 9.4260

Inverse Universe

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



162.8660, 3.5171, 38.7055



190.7310, 5.0626, 56.3639



179.1440, -18.8050, -35.2063



97.8590, 0.5625, 6.2627



59.0100, 8.8691, 95.5842



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 157.8150, 24.2482, 15.9482 looks on a white background.

Color Contrast Check

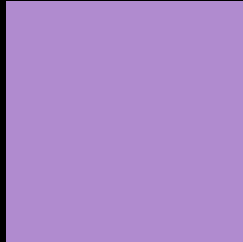
Large Text (above 18pt) WCAG AA × Fail

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 157.8150, 24.2482, 15.9482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

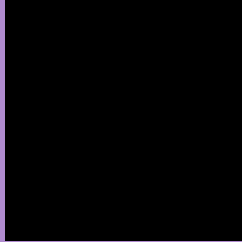
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8150, 24.2482, 15.9482

Background



This preview shows how black text looks on a background with the YUV color 157.8150, 24.2482, 15.9482.



This preview shows how white text looks on a background with the YUV color 157.8150, 24.2482, 15.9482.

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

157.8150, 24.2482, 15.9482

Protanopia

154.0280, 31.0452, -17.5646

Deuteranopia

154.7530, 24.7718, -12.0614



Tritanopia

155.3480, 2.2934, 11.0958

Trichromacy



Original Color

157.8150, 24.2482, 15.9482

Protanomaly

155.1220, 28.5339, -5.3690

Deuteranomaly

155.8190, 24.7392, -1.5953

Tritanomaly

156.4220, 10.1450, 12.7849

Monochromacy



Original Color

157.8150, 24.2482, 15.9482

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0360, 8.8563, 6.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8150, 24.2482, 15.9482 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(176, 139, 207)` looks like.

```
.text, #text, p{  
    color:rgb(176, 139, 207)  
}
```

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(176, 139, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 139, 207) }
```

Border

The CSS property to change the border of an element to YUV 157.8150, 24.2482, 15.9482 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(176, 139, 207) }
```


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

```
.border{ border-color:rgb(176, 139, 207) }
```

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

Here you see how a box with a 4 pixel rgb(176, 139, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 139, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 139, 207);  
box-shadow:4px 4px 4px 4px rgb(176, 139,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 157.8150, 24.2482, 15.9482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 139, 207) }
```

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

```
.background{ background-color: rgb(176,  
139, 207) }
```

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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