

Converting Colors

YUV(157.0170, 4.4286, 26.2951)

Have a look what the booklet for
YUV(157.0170, 4.4286, 26.2951)
contains.

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Color

**YUV(157.0170, 4.4286,
26.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8CA6
RGB	187, 140, 166
RGB Percent	73%, 55%, 65%
CMY	0.2667, 0.4510, 0.3490
CMYK	0.00, 0.25, 0.11, 0.27
HSL	327°, 26%, 64%
HSV	327°, 25%, 73%
XYZ	36.7545, 32.0741, 40.3301
YIQ	157.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

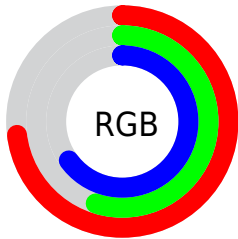
Format	Color
RYB	187, 140, 166
Decimal	12291238
CIELab	63.40, 22.01, -6.73
CIELCh	63, 23.020, 343.003
Yxy	32.0741, 0.3367, 0.2938
Android (android.graphics.Color)	4290481318 (0xFFBB8CA6)
YUV	157.0170, 4.4286, 26.2951
Hunter-Lab	56.6340, 16.7339, -2.5777

Details

The YUV color **157.0170, 4.4286, 26.2951** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.9830, -4.4286, -26.2951**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0280, 4.4232, 28.0394**, and **105.0060, 4.4340, 24.5507** is the 20% darker color. If you saturate the color by 10%, you get **144.9520, 6.4327, 36.8761**, and if you desaturate by 10%, it is **169.0820, 2.4246, 15.7141**.

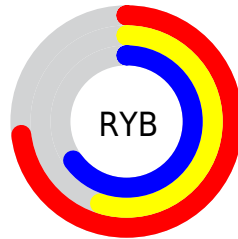
Distribution



Red (73%)

Green (55%)

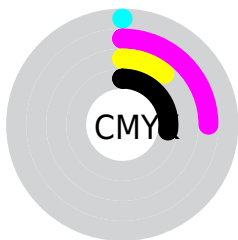
Blue (65%)



Red (73%)

Yellow (55%)

Blue (65%)

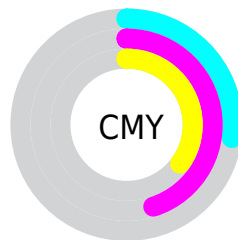


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.0170, 4.4286, 26.2951 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 157.0170, 4.4286, 26.2951 by changing the saturation by 10% instead.


 157.0170, 4.4286,
26.2951

 157.0170, 4.4286,
26.2951


255.0000, 0.0000,
0.0000

 130.7180, 4.5760,
25.6803


 212.0280, 4.4232,
28.0394


 105.0060, 4.4340,
24.5507

 235.0590, 7.3659,
17.4883

 80.9950, 4.4395,
22.8064

 252.6520, 1.1576,
2.0592

 57.5820, 4.1501,
22.2916

 34.9840, 4.4449,
21.0620

 13.7990, 5.0291,
20.3473

 0.0000, 0.0000,

0.0000

■ 157.0170, 4.4286,
26.2951

■ 157.0170, 4.4286,
26.2951

■ 144.9520, 6.4327,
36.8761

■ 169.0820, 2.4246,
15.7141

■ 133.3600, 7.7105,
47.0423

■ 180.6740, 1.1467,
5.5479

■ 121.2950, 9.7146,
57.6233

■ 192.7390, -0.8573,
-5.0331

■ 109.2300, 11.7186,
68.2043

■ 204.8040, -2.8614,
-15.6141

■ 97.6380, 12.9965,
78.3705

■ 216.9830, -4.4286,
-26.2951

■ 85.5730, 15.0005,
88.9515

■ 228.4610, -6.1433,
-36.3613

■ 73.5080, 17.0046,
99.5325

■ 231.1340, -3.5171,
-38.7055

■ 67.6550, 17.4251,
104.6656

■ 232.1600, 0.4141,
-39.6053

■ 233.0720, 3.9085,
-40.4051

Harmonies

Analogous

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



156.3230, 13.6448, 10.2407



157.0170, 4.4286, 26.2951



156.4280, -5.6340, 33.8276

Triad

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



157.0170, 4.4286, 26.2951



151.4080, -18.9351, 6.6582



144.7200, 17.8860, -43.6044

Complementary

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



157.0170, 4.4286, 26.2951



169.9830, -4.4286, -26.2951

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.



144.3260, 8.7133, -41.5049



157.0170, 4.4286, 26.2951



149.1930, -12.9131, -11.5703

Square

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



157.0170, 4.4286, 26.2951



153.5070, -18.9840, 22.3574



146.1290, -2.5286, -29.0541



149.0080, 21.1951, -31.5790

Rectangle

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



157.0170, 4.4286, 26.2951



155.2340, -11.4544, 33.9978



146.1290, -2.5286, -29.0541



144.0250, 15.2707, -44.7489

Sweetspot

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



157.0170, 4.4286, 26.2951



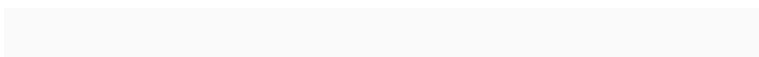
229.9350, 2.0040, 10.5810



151.3380, 17.5814, 7.5966



114.3860, 1.2887, 6.6775



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.



157.0170, 4.4286, 26.2951



196.0880, 6.8586, 40.2648



154.3950, -5.6177, 28.5946



88.2610, 0.8573, 5.0331



57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Inverse Universe

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



157.0170, 4.4286, 26.2951



196.0880, 6.8586, 40.2648



172.6050, 5.6177, -28.5946



88.2610, 0.8573, 5.0331



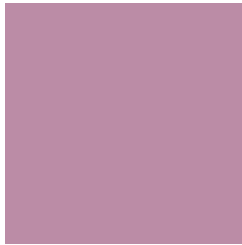
57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 157.0170, 4.4286, 26.2951 looks on a white background.

Color Contrast Check

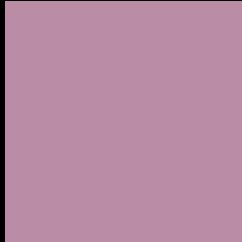
Large Text (above 18pt) WCAG AA × Fail

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 157.0170, 4.4286, 26.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

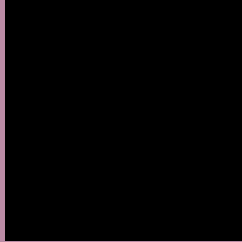
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.0170, 4.4286, 26.2951

Background



This preview shows how black text looks on a background with the YUV color 157.0170, 4.4286, 26.2951.



This preview shows how white text looks on a background with the YUV color 157.0170, 4.4286,

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

157.0170, 4.4286, 26.2951

Protanopia

154.7960, 9.4676, -3.3291

Deuteranopia

155.1950, 4.3409, 7.7220



Tritanopia

156.1110, -1.5337, 25.3357

Trichromacy



Original Color

157.0170, 4.4286, 26.2951

Protanomaly

155.4060, 7.6878, 7.5369

Deuteranomaly

155.9400, 4.4666, 14.0846

Tritanomaly

156.3930, 0.7923, 25.9653

Monochromacy



Original Color

157.0170, 4.4286, 26.2951

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1090, 1.4253, 9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.0170, 4.4286, 26.2951 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(187, 140, 166)` looks like.

```
.text, #text, p{  
    color:rgb(187, 140, 166)  
}
```

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(187, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 140, 166) }
```

Border

The CSS property to change the border of an element to YUV 157.0170, 4.4286, 26.2951 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(187, 140, 166) }
```


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

```
.border{ border-color:rgb(187, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(187, 140,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 157.0170, 4.4286, 26.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 140, 166) }
```

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

```
.background{ background-color: rgb(187,  
140, 166) }
```

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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