

Converting Colors

YUV(167.1220, 15.2229,
17.4330)

Have a look what the booklet for
YUV(167.1220, 15.2229, 17.4330)
contains.

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Color

**YUV(167.1220, 15.2229,
17.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	BB97C6
RGB	187, 151, 198
RGB Percent	73%, 59%, 78%
CMY	0.2667, 0.4078, 0.2235
CMYK	0.06, 0.24, 0.00, 0.22
HSL	286°, 29%, 68%
HSV	286°, 24%, 78%
XYZ	41.7532, 36.7752, 58.3238
YIQ	167.1220, 6.3690, 22.2490

Conversions

Conversions Part 2

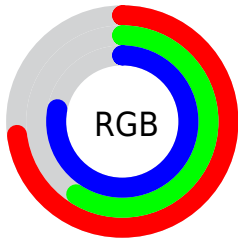
Format	Color
RYB	187, 151, 198
Decimal	12294086
CIELab	67.11, 21.87, -19.14
CIElCh	67, 29.058, 318.807
Yxy	36.7752, 0.3051, 0.2687
Android (android.graphics.Color)	4290484166 (0xFFBB97C6)
YUV	167.1220, 15.2229, 17.4330
Hunter-Lab	60.6426, 16.7749, -14.5731

Details

The YUV color **167.1220, 15.2229, 17.4330** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.8780, -15.2229, -17.4330**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3610, 16.0910, 18.9774**, and **114.8830, 14.3547, 15.8886** is the 20% darker color. If you saturate the color by 10%, you get **153.8870, 21.7477, 24.6551**, and if you desaturate by 10%, it is **180.3570, 8.6980, 10.2109**.

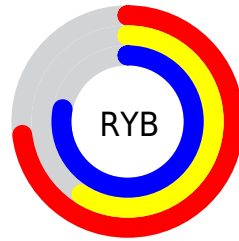
Distribution



Red (73%)

Green (59%)

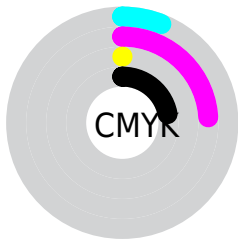
Blue (78%)



Red (73%)

Yellow (59%)

Blue (78%)

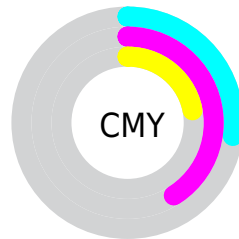


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1220, 15.2229, 17.4330 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 167.1220, 15.2229, 17.4330 by changing the saturation by 10% instead.

■ 167.1220, 15.2229,
17.4330

■ 167.1220, 15.2229,
17.4330

255.0000, 0.0000,
0.0000

■ 140.7090, 14.9335,
16.9182

■ 222.3610, 16.0910,
18.9774

■ 114.8830, 14.3547,
15.8886

■ 242.6730, 6.0772,
10.8108

■ 90.3560, 13.6285,
15.4738

■ 66.0570, 13.7759,
14.8590

■ 43.2310, 13.1971,
13.8294

■ 21.7040, 12.4709,
13.4146

■ 5.3560, 10.1775,

2.3188

■ 0.0000, 0.0000,
0.0000

■ 167.1220, 15.2229,
17.4330

■ 167.1220, 15.2229,
17.4330

■ 153.8870, 21.7477,
24.6551

■ 180.3570, 8.6980,
10.2109

■ 140.9510, 28.1252,
32.4920

■ 193.2930, 2.3206,
2.3740

■ 128.3030, 34.3606,
39.1993

■ 205.9410, -3.9149,
-4.3333

■ 115.0680, 40.8855,
46.4214

■ 219.1760,
-10.4398, -11.5554

■ 102.1320, 47.2629,
54.2582

■ 232.1120,
-16.8172, -19.3922

■ 88.8970, 53.7878,
61.4803

■ 236.5420,
-19.0012, -18.8923

■ 75.9610, 60.1652,
69.3172

■ 237.7380,
-19.5908, -16.4332

■ 68.0200, 64.0801,
73.6505

■ 239.2330,
-20.3279, -13.3593

■ 240.7280,
-21.0649, -10.2855

Harmonies

Analogous

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



163.9490, 24.1821, -9.6023



167.1220, 15.2229, 17.4330



167.4420, 3.2331, 36.4464

Triad

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



167.1220, 15.2229, 17.4330



162.6230, -24.9571, 24.8866



149.4100, 14.5879, -59.1186

Complementary

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



167.1220, 15.2229, 17.4330



181.8780, -15.2229, -17.4330

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.



152.6220, -0.3066, -41.7645



167.1220, 15.2229, 17.4330



160.2460, -23.2923, 4.1693

Square

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



167.1220, 15.2229, 17.4330



164.7910, -19.6170, 38.7713



156.5080, -14.0544, -18.8625



150.8690, 25.2076, -58.6441

Rectangle

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



167.1220, 15.2229, 17.4330



166.5970, -5.2243, 42.4494



156.5080, -14.0544, -18.8625



150.1780, 9.7722, -54.5301

Sweetspot

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



167.1220, 15.2229, 17.4330



243.2380, 5.7987, 6.8073



163.4020, 17.0568, -10.8766



120.6460, 3.6255, 3.8185



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.



167.1220, 15.2229, 17.4330



208.2400, 23.0527, 26.0995



169.0430, 8.3598, 25.3953



93.1190, 2.8993, 3.4036



55.9570, 52.7722, 60.5507



12.1770, 11.7447, 12.9998

Inverse Universe

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



166.3070, -2.1234, 27.7948



207.0530, -3.4771, 42.0495



179.9570, -8.3598, -25.3953



92.9190, -0.4531, 5.3330



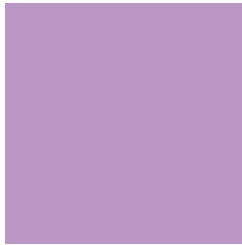
53.0690, -7.4290, 96.4095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 167.1220, 15.2229, 17.4330 looks on a white background.

Color Contrast Check

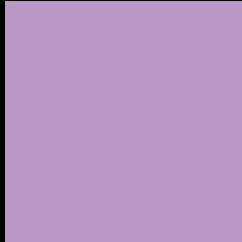
Large Text (above 18pt) WCAG AA × Fail

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 167.1220, 15.2229, 17.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

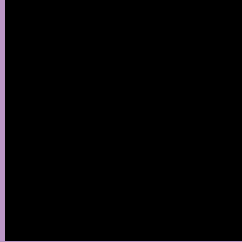
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.1220, 15.2229, 17.4330

Background



This preview shows how black text looks on a background with the YUV color 167.1220, 15.2229, 17.4330.



This preview shows how white text looks on a background with the YUV color 167.1220, 15.2229, 17.4330.

17.4330.

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

167.1220, 15.2229, 17.4330

Protanopia

164.3250, 20.5458, -9.9320

Deuteranopia

165.0010, 15.2825, -1.7549



Tritanopia

165.5550, 1.6984, 15.2993

Trichromacy



Original Color

167.1220, 15.2229, 17.4330

Protanomaly

165.2230, 18.6241, -0.1956

Deuteranomaly

166.0450, 15.2608, 5.2225

Tritanomaly

165.9340, 6.9345, 15.8439

Monochromacy



Original Color

167.1220, 15.2229, 17.4330

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8250, 5.5093, 6.2925

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1220, 15.2229, 17.4330 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, 151, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 198)  
}
```

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, 151, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 198) }
```

Border

The CSS property to change the border of an element to YUV 167.1220, 15.2229, 17.4330 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, 151, 198) }
```


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

```
.border{ border-color:rgb(187, 151, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 151, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 151, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 151, 198);  
box-shadow:4px 4px 4px 4px rgb(187, 151,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 167.1220, 15.2229, 17.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 198) }
```

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

```
.background{ background-color: rgb(187,  
151, 198) }
```

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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