

Converting Colors

YUV(167.6400, 9.5445, 18.7327)

Have a look what the booklet for
YUV(167.6400, 9.5445, 18.7327)
contains.

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Color

**YUV(167.6400, 9.5445,
18.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	BD99BB
RGB	189, 153, 187
RGB Percent	74%, 60%, 73%
CMY	0.2588, 0.4000, 0.2667
CMYK	0.00, 0.19, 0.01, 0.26
HSL	303°, 21%, 67%
HSV	303°, 19%, 74%
XYZ	41.3471, 37.1891, 52.0127
YIQ	167.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

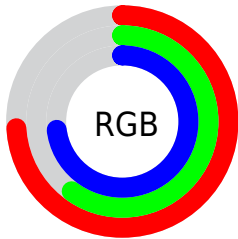
Format	Color
RYB	189, 153, 187
Decimal	12425659
CIELab	67.42, 19.29, -12.52
CIElCh	67, 22.997, 327.020
Yxy	37.1891, 0.3167, 0.2849
Android (android.graphics.Color)	4290615739 (0xFFBD99BB)
YUV	167.6400, 9.5445, 18.7327
Hunter-Lab	60.9829, 14.3051, -7.8808

Details

The YUV color **167.6400, 9.5445, 18.7327** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.3600, -9.5445, -18.7327**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3520, 9.6865, 19.8623**, and **115.5150, 9.1131, 17.0883** is the 20% darker color. If you saturate the color by 10%, you get **156.3730, 14.6061, 28.6139**, and if you desaturate by 10%, it is **178.9070, 4.4828, 8.8516**.

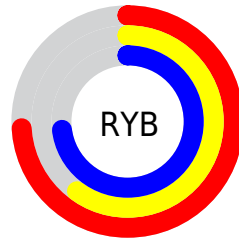
Distribution



Red (74%)

Green (60%)

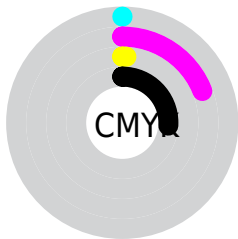
Blue (73%)



Red (74%)

Yellow (60%)

Blue (73%)

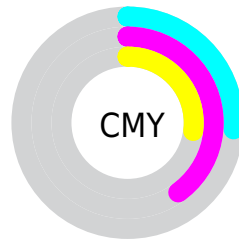


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6400, 9.5445, 18.7327 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 167.6400, 9.5445, 18.7327 by changing the saturation by 10% instead.

■ 167.6400, 9.5445,
18.7327

■ 167.6400, 9.5445,
18.7327

255.0000, 0.0000,
0.0000

■ 141.2270, 9.2551,
18.2179

■ 223.3520, 9.6865,
19.8623

■ 115.5150, 9.1131,
17.0883

■ 243.8470, 5.4984,
9.7812

■ 90.4010, 8.6763,
17.1883

■ 66.6890, 8.5343,
16.0587

■ 43.9770, 8.3923,
14.9292

■ 22.5640, 8.1029,
14.4144

■ 5.6400, 6.0935,

5.5777

■ 0.0000, 0.0000,
0.0000

■ 167.6400, 9.5445,
18.7327

■ 167.6400, 9.5445,
18.7327

■ 156.3730, 14.6061,
28.6139

■ 178.9070, 4.4828,
8.8516

■ 145.1060, 19.6677,
38.4950

■ 190.1740, -0.5788,
-1.0296

■ 133.8390, 24.7294,
48.3762

■ 201.4410, -5.6404,
-10.9108

■ 122.5720, 29.7910,
58.2574

■ 212.7080,
-10.7020, -20.7919

■ 111.8920, 34.5632,
67.6237

■ 223.9750,
-15.7637, -30.6731

100.6250, 39.6249,
77.5049

228.1980,
-17.3526, -34.3766

89.3580, 44.6865,
87.3860

228.3120,
-16.9158, -34.4766

78.0910, 49.7481,
97.2672

228.4260,
-16.4790, -34.5766

76.8030, 49.8901,
98.3968

228.5400,
-16.0422, -34.6766

Harmonies

Analogous

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



166.1690, 17.1717, -1.0252



167.6400, 9.5445, 18.7327



167.4970, -0.2450, 32.0131

Triad

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



167.6400, 9.5445, 18.7327



163.5340, -19.9833, 16.1947



154.5690, 13.5235, -44.3490

Complementary

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



167.6400, 9.5445, 18.7327



174.3600, -9.5445, -18.7327

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.



156.0510, 2.4399, -36.0017



167.6400, 9.5445, 18.7327



161.5210, -17.0189, -1.3339

Square

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



167.6400, 9.5445, 18.7327



165.0070, -17.2585, 28.9349



158.2890, -8.5235, -19.5475



157.3230, 20.0538, -38.8713

Rectangle

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



167.6400, 9.5445, 18.7327



167.3850, -7.0918, 34.7424



158.2890, -8.5235, -19.5475



154.9560, 9.8817, -42.9344

Sweetspot

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



167.6400, 9.5445, 18.7327



236.0810, 3.9041, 7.8220



157.7020, 15.4299, -2.3697



117.3040, 2.3151, 4.1184



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.



167.6400, 9.5445, 18.7327



211.1990, 15.1849, 29.6435



165.5880, 1.6821, 20.5323



88.7170, 2.6045, 4.6332



64.2280, 41.7926, 82.2380



12.5750, 8.0975, 16.1587

Inverse Universe

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



167.6400, 9.5445, 18.7327



211.1990, 15.1849, 29.6435



176.4120, -1.6821, -20.5323



88.7170, 2.6045, 4.6332



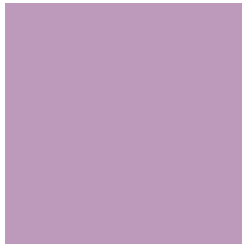
64.2280, 41.7926, 82.2380



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 167.6400, 9.5445, 18.7327 looks on a white background.

Color Contrast Check

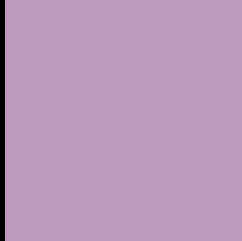
Large Text (above 18pt) WCAG AA × Fail

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 167.6400, 9.5445, 18.7327 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 167.6400, 9.5445, 18.7327

Background



This preview shows how black text looks on a background with the YUV color 167.6400, 9.5445, 18.7327.



This preview shows how white text looks on a background with the YUV color 167.6400, 9.5445,

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

167.6400, 9.5445, 18.7327

Protanopia

165.0390, 14.2778, -6.1732

Deuteranopia

165.9540, 9.8827, 3.5483



Tritanopia

166.3380, 0.8194, 17.2436

Trichromacy



Original Color

167.6400, 9.5445, 18.7327

Protanomaly

165.6380, 12.5035, 2.9485

Deuteranomaly

166.2860, 9.7190, 9.3962

Tritanomaly

166.8480, 4.0189, 17.6733

Monochromacy



Original Color

167.6400, 9.5445, 18.7327

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6400, 9.5445, 18.7327 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(189, 153, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 187)  
}
```

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(189, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 187) }
```

Border

The CSS property to change the border of an element to YUV 167.6400, 9.5445, 18.7327 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(189, 153, 187) }
```


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

```
.border{ border-color:rgb(189, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 167.6400, 9.5445, 18.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 187) }
```

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

```
.background{ background-color: rgb(189,  
153, 187) }
```

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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