

Converting Colors

YUV(167.9700, 19.2418,
35.1063)

Have a look what the booklet for
YUV(167.9700, 19.2418, 35.1063)
contains.

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Color

**YUV(167.9700, 19.2418,
35.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	D08CCF
RGB	208, 140, 207
RGB Percent	82%, 55%, 81%
CMY	0.1843, 0.4510, 0.1882
CMYK	0.00, 0.33, 0.00, 0.18
HSL	301°, 42%, 68%
HSV	301°, 33%, 82%
XYZ	46.6530, 36.6711, 63.6508
YIQ	167.9700, 19.0210, 35.2530

Conversions

Conversions Part 2

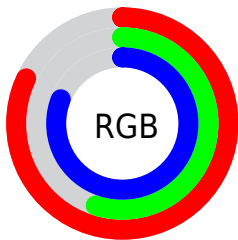
Format	Color
R _Y B	208, 140, 207
Decimal	13667535
CIE Lab	67.03, 36.53, -24.07
CIE LCh	67, 43.747, 326.611
Yxy	36.6711, 0.3174, 0.2495
Android (android.graphics.Color)	4291857615 (0xFFD08CCF)
YUV	167.9700, 19.2418, 35.1063
Hunter-Lab	60.5566, 31.5428, -19.9298

Details

The YUV color **167.9700, 19.2418, 35.1063** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180.0300, -19.2418, -35.1063**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7800, 17.3635, 30.8879**, and **114.4320, 18.5210, 32.9471** is the 20% darker color. If you saturate the color by 10%, you get **155.6430, 25.3190, 45.9171**, and if you desaturate by 10%, it is **180.2970, 13.1646, 24.2955**.

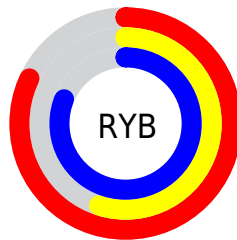
Distribution



Red (82%)

Green (55%)

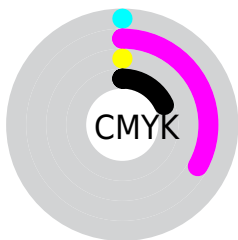
Blue (81%)



Red (82%)

Yellow (55%)

Blue (81%)

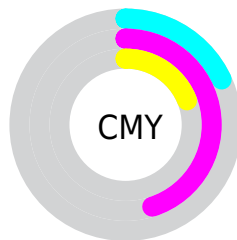


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (18%)



Cyan (18%)


Magenta (45%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.9700, 19.2418, 35.1063 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 167.9700, 19.2418, 35.1063 by changing the saturation by 10% instead.


 167.9700, 19.2418,
35.1063

 167.9700, 19.2418,
35.1063


255.0000, 0.0000,
0.0000


 141.1440, 18.6630,
34.0767


 219.7800, 17.3635,
30.8879


 114.4320, 18.5210,
32.9471


 236.2160, 9.2605,
16.4736

 89.6060, 17.9422,
31.9175

 253.2390, 0.8682,
1.5444

 64.3070, 18.0896,
31.3028

 38.8340, 18.8158,
31.7176

 21.1060, 16.2167,
25.3400

 12.1340, 10.2869,

13.9145

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 167.9700, 19.2418,
35.1063

■ 167.9700, 19.2418,
35.1063

■ 155.6430, 25.3190,
45.9171

■ 180.2970, 13.1646,
24.2955

■ 143.2020, 30.9594,
56.8278

■ 192.7380, 7.5242,
13.3848

■ 131.4620, 36.7472,
67.1238

■ 204.4780, 1.7363,
3.0888

■ 119.1350, 42.8244,
77.9346

■ 216.8050, -4.3409,
-7.7220

■ 106.6940, 48.4649,
88.8454

■ 229.2460, -9.9813,
-18.6327

■ 94.3670, 54.5421,
99.6561

■ 235.7030,
-13.1646, -24.2955

■ 85.5620, 58.8829,
107.3781

■ 235.8170,
-12.7278, -24.3955

Harmonies

Analogous

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



165.5010, 33.7700, -4.8244



167.9700, 19.2418, 35.1063



166.1290, 1.4154, 59.5229

Triad

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



167.9700, 19.2418, 35.1063



159.9040, -37.9137, 27.2712



129.8790, 33.0907, -113.9039

Complementary

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



167.9700, 19.2418, 35.1063



180.0300, -19.2418, -35.1063

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.



133.9900, 11.3439, -92.0762



167.9700, 19.2418, 35.1063



156.1990, -32.1431, -3.6825

Square

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



167.9700, 19.2418, 35.1063



162.6650, -31.8798, 52.0368



149.6210, -15.5892, -40.0096



130.4780, 48.0783, -114.4292

Rectangle

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



167.9700, 19.2418, 35.1063



165.2470, -10.9678, 64.6814



149.6210, -15.5892, -40.0096



128.9840, 27.1229, -113.1190

Sweetspot

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



167.9700, 19.2418, 35.1063



240.3250, 7.2348, 12.8700



147.7520, 29.7023, -6.7985



118.4940, 4.1935, 8.3368



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.



167.9700, 19.2418, 35.1063



196.7730, 28.2129, 51.0651



164.2080, 4.8275, 38.4056



98.4290, 2.7465, 5.7628



69.1560, 47.7441, 86.6862



16.8190, 11.4282, 21.2067

Inverse Universe

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



167.9700, 19.2418, 35.1063



196.7730, 28.2129, 51.0651



183.7920, -4.8275, -38.4056



98.4290, 2.7465, 5.7628



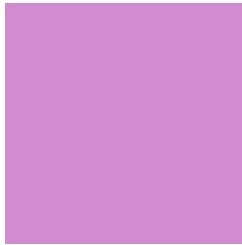
69.1560, 47.7441, 86.6862



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 167.9700, 19.2418, 35.1063 looks on a white background.

Color Contrast Check

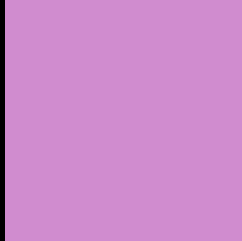
Large Text (above 18pt) WCAG AA × Fail

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 167.9700, 19.2418, 35.1063 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 167.9700, 19.2418, 35.1063

Background



This preview shows how black text looks on a background with the YUV color 167.9700, 19.2418, 35.1063.



This preview shows how white text looks on a background with the YUV color 167.9700, 19.2418,

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

167.9700, 19.2418, 35.1063

Protanopia

163.5830, 29.2926, -15.4203

Deuteranopia

164.6030, 18.9297, -4.9138



Tritanopia

166.2150, -2.5710, 31.3834

Trichromacy



Original Color

167.9700, 19.2418, 35.1063



Protanomaly

165.0800, 25.5966, 3.4378



Deuteranomaly

165.9900, 18.7389, 9.6558



Tritanomaly

166.9900, 5.4279, 32.4578

Monochromacy



Original Color

167.9700, 19.2418, 35.1063



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.2110, 6.7980, 12.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9700, 19.2418, 35.1063 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(208, 140, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 140, 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(208, 140, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 140, 207) }
```

Border

The CSS property to change the border of an element to YUV 167.9700, 19.2418, 35.1063 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(208, 140, 207) }
```


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

```
.border{ border-color:rgb(208, 140, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 140, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 140, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 140, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 140,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 167.9700, 19.2418, 35.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 140, 207) }
```

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

```
.background{ background-color: rgb(208,  
140, 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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