

Converting Colors

YUV(167.7630, 19.8368,
30.9028)

Have a look what the booklet for
YUV(167.7630, 19.8368, 30.9028)
contains.

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Color

**YUV(167.7630, 19.8368,
30.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8ED0
RGB	203, 142, 208
RGB Percent	80%, 56%, 82%
CMY	0.2039, 0.4431, 0.1843
CMYK	0.02, 0.32, 0.00, 0.18
HSL	295°, 41%, 69%
HSV	295°, 32%, 82%
XYZ	45.6868, 36.5966, 64.3304
YIQ	167.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

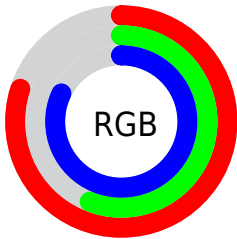
Format	Color
R _Y B	203, 142, 208
Decimal	13340368
CIE Lab	66.97, 34.03, -24.76
CIE LCh	67, 42.085, 323.953
Yxy	36.5966, 0.3116, 0.2496
Android (android.graphics.Color)	4291530448 (0xFFFCB8ED0)
YUV	167.7630, 19.8368, 30.9028
Hunter-Lab	60.4951, 28.9393, -20.7023

Details

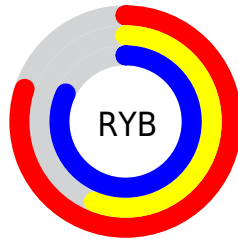
The YUV color **167.7630, 19.8368, 30.9028** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182.2370, -19.8368, -30.9028**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **115.1110, 18.6793, 28.8437** is the 20% darker color. If you saturate the color by 10%, you get **154.8380, 26.2089, 40.4841**, and if you desaturate by 10%, it is **180.6880, 13.4648, 21.3216**.

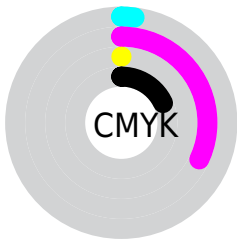
Distribution



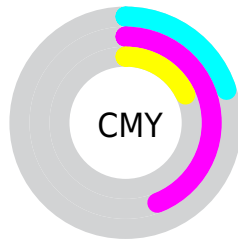
- Red (80%)
- Green (56%)
- Blue (82%)



- Red (80%)
- Yellow (56%)
- Blue (82%)



- Cyan (2%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)




- Cyan (20%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.7630, 19.8368, 30.9028 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 167.7630, 19.8368, 30.9028 by changing the saturation by 10% instead.


 167.7630, 19.8368,
30.9028

 167.7630, 19.8368,
30.9028


255.0000, 0.0000,
0.0000

 140.9370, 19.2581,
29.8733


 220.3670, 17.0741,
30.3731


 115.1110, 18.6793,
28.8437


 237.3900, 8.6817,
15.4440

 89.3990, 18.5373,
27.7141

254.4130, 0.2894,
0.5148

 64.9860, 18.2479,
27.1993

 40.6870, 18.3953,
26.5845

 20.3230, 17.0958,
23.3957

 11.2370, 10.7292,

12.0702

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 167.7630, 19.8368,
30.9028

■ 167.7630, 19.8368,
30.9028

■ 154.8380, 26.2089,
40.4841

■ 180.6880, 13.4648,
21.3216

■ 142.2120, 32.4335,
50.6801

■ 193.3140, 7.2402,
11.1256

■ 129.8740, 38.5161,
59.7465

■ 205.6520, 1.1576,
2.0592

■ 117.2480, 44.7407,
69.9425

■ 218.2780, -5.0671,
-8.1368

104.3230, 51.1128,
79.5237

231.2030,
-11.4391, -17.7180

91.6970, 57.3374,
89.7197

236.7850,
-14.1910, -21.7364

81.1200, 62.5518,
97.2418

237.3830,
-14.4858, -20.5069

237.9810,
-14.7806, -19.2773

238.2800,
-14.9280, -18.6626

Harmonies

Analogous

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



164.3650, 33.3441, -8.2131



167.7630, 19.8368, 30.9028



166.4490, 2.7366, 55.7342

Triad

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



167.7630, 19.8368, 30.9028



160.6700, -36.3193, 29.2304



128.7220, 31.1961, -112.8892

Complementary

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



167.7630, 19.8368, 30.9028



182.2370, -19.8368, -30.9028

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.



139.6390, 7.0800, -77.7364



167.7630, 19.8368, 30.9028



156.9220, -32.0065, -0.8086

Square

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



167.7630, 19.8368, 30.9028



163.2350, -29.6959, 51.5369



151.0130, -16.7684, -35.0914



129.9080, 45.8944, -113.9293

Rectangle

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



167.7630, 19.8368, 30.9028



165.3930, -9.0677, 61.9223



151.0130, -16.7684, -35.0914



127.9410, 25.6651, -112.2043

Sweetspot

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



167.7630, 19.8368, 30.9028



239.7270, 7.5296, 11.6404



152.4590, 27.3817, -9.1725



118.0100, 4.9251, 7.0072



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.



167.7630, 19.8368, 30.9028



195.9680, 29.1028, 45.6321



166.0660, 6.8695, 36.7761



98.2440, 3.3307, 5.0480



65.7960, 50.3866, 79.1089



16.0360, 12.3073, 19.2624

Inverse Universe

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



162.3040, -7.5449, 40.0754



187.8010, -11.2409, 58.9335



183.9340, -6.8695, -36.7761



97.4030, -1.1847, 6.6626



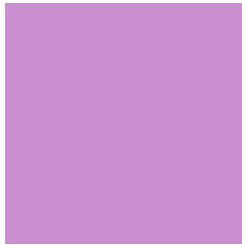
51.7140, -19.0860, 101.9828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 167.7630, 19.8368, 30.9028 looks on a white background.

Color Contrast Check

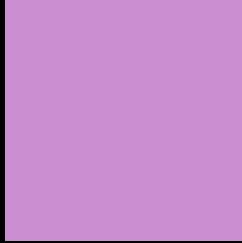
Large Text (above 18pt) WCAG AA × Fail

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 167.7630, 19.8368, 30.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

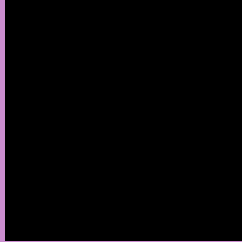
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.7630, 19.8368, 30.9028

Background



This preview shows how black text looks on a background with the YUV color 167.7630, 19.8368, 30.9028.



This preview shows how white text looks on a background with the YUV color 167.7630, 19.8368,

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

167.7630, 19.8368, 30.9028

Protanopia

163.4690, 28.8558, -15.3203

Deuteranopia

164.5320, 19.9507, -5.7286



Tritanopia

166.1220, -1.5391, 27.0800

Trichromacy



Original Color

167.7630, 19.8368, 30.9028



Protanomaly

165.0690, 25.6020, 1.6935



Deuteranomaly

165.3210, 20.0547, 7.6115



Tritanomaly

166.7830, 6.0230, 28.2543

Monochromacy



Original Color

167.7630, 19.8368, 30.9028



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.3140, 7.2402, 11.1256

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7630, 19.8368, 30.9028 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(203, 142, 208)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 208)  
}
```

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(203, 142, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 208) }
```

Border

The CSS property to change the border of an element to YUV 167.7630, 19.8368, 30.9028 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(203, 142, 208) }
```


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

```
.border{ border-color:rgb(203, 142, 208) }
```

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

Here you see how a box with a 4 pixel rgb(203, 142, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 208);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 167.7630, 19.8368, 30.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 208) }
```

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

```
.background{ background-color: rgb(203,  
142, 208) }
```

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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