

Converting Colors

YUV(165.7200, 18.3790,
31.8176)

Have a look what the booklet for
YUV(165.7200, 18.3790, 31.8176)
contains.

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Color

**YUV(165.7200, 18.3790,
31.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8CCB
RGB	202, 140, 203
RGB Percent	79%, 55%, 80%
CMY	0.2078, 0.4510, 0.2039
CMYK	0.00, 0.31, 0.00, 0.20
HSL	299°, 38%, 67%
HSV	299°, 31%, 80%
XYZ	44.5147, 35.6245, 61.0300
YIQ	165.7200, 16.7290, 32.7370

Conversions

Conversions Part 2

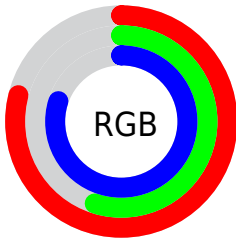
Format	Color
R _Y B	202, 140, 203
Decimal	13274315
CIE Lab	66.23, 33.84, -23.12
CIE LCh	66, 40.988, 325.659
Yxy	35.6245, 0.3153, 0.2524
Android (android.graphics.Color)	4291464395 (0xFFCA8CCB)
YUV	165.7200, 18.3790, 31.8176
Hunter-Lab	59.6863, 28.6763, -18.8444

Details

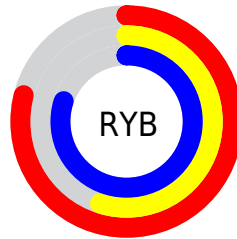
The YUV color **165.7200, 18.3790, 31.8176** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.2800, -18.3790, -31.8176**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **113.1820, 17.6583, 29.6584** is the 20% darker color. If you saturate the color by 10%, you get **153.9800, 24.1669, 42.1135**, and if you desaturate by 10%, it is **177.4600, 12.5912, 21.5216**.

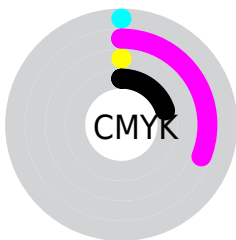
Distribution



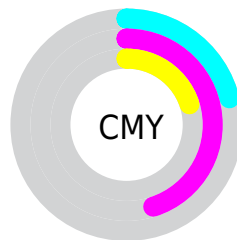
- Red (79%)
- Green (55%)
- Blue (80%)



- Red (79%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)




- Cyan (21%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.7200, 18.3790, 31.8176 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 165.7200, 18.3790, 31.8176 by changing the saturation by 10% instead.


 165.7200, 18.3790,
31.8176

 165.7200, 18.3790,
31.8176


255.0000, 0.0000,
0.0000


 138.8940, 17.8003,
30.7880


 219.1930, 17.6529,
31.4027


 113.1820, 17.6583,
29.6584


 236.2160, 9.2605,
16.4736

 87.4700, 17.5163,
28.5288

 252.6520, 1.1576,
2.0592

 63.0570, 17.2269,
28.0140

 38.7580, 17.3743,
27.3992

 19.5680, 15.4960,
23.1809

 9.9980, 9.8610,

10.5258

■ 0.0000, 0.0000,
0.0000

■ 165.7200, 18.3790,
31.8176

■ 165.7200, 18.3790,
31.8176

■ 153.9800, 24.1669,
42.1135

■ 177.4600, 12.5912,
21.5216

■ 141.3540, 30.3915,
52.3095

■ 190.0860, 6.3666,
11.3256

■ 129.6140, 36.1793,
62.6055

■ 201.8260, 0.5788,
1.0296

■ 117.8740, 41.9671,
72.9015

■ 213.5660, -5.2090,
-9.2664

■ 105.8350, 47.9023,
82.5827

■ 226.1920,
-11.4337, -19.4624

■ 93.5080, 53.9796,
93.3935

■ 233.8230,
-15.1957, -26.1548

■ 82.9420, 59.1886,
102.6599

■ 234.1220,
-15.3431, -25.5400

Harmonies

Analogous

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



162.6320, 31.7334, -4.9393



165.7200, 18.3790, 31.8176



164.5090, 1.7211, 54.8046

Triad

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



165.7200, 18.3790, 31.8176



158.5880, -35.2929, 26.6713



127.5480, 31.7748, -111.8596

Complementary

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



165.7200, 18.3790, 31.8176



177.2800, -18.3790, -31.8176

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.



137.8670, 7.9536, -77.9364



165.7200, 18.3790, 31.8176



154.6660, -30.4013, -2.3381

Square

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



165.7200, 18.3790, 31.8176



160.9250, -29.5430, 49.1778



149.0560, -15.3106, -36.0061



127.9190, 45.8889, -112.1850

Rectangle

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



165.7200, 18.3790, 31.8176



163.1540, -9.9359, 60.3779



149.0560, -15.3106, -36.0061



126.1800, 26.5333, -110.6599

Sweetspot

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



165.7200, 18.3790, 31.8176



241.4990, 6.6560, 11.8404



147.7690, 27.2289, -6.8134



118.8960, 4.4883, 7.1072



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.



165.7200, 18.3790, 31.8176



199.5230, 27.3502, 47.7763



162.5990, 5.1277, 35.4317



96.1300, 2.8939, 5.1480



67.6610, 48.4811, 83.6123



15.6940, 10.9969, 19.5624

Inverse Universe

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



158.9510, -8.8498, 38.6310



189.2200, -13.4195, 57.6891



180.4010, -5.1277, -35.4317



94.9900, -1.4741, 6.1478



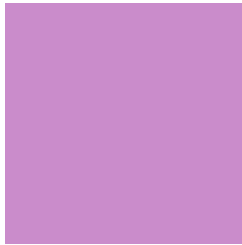
49.9760, -23.1592, 101.7530



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 165.7200, 18.3790, 31.8176 looks on a white background.

Color Contrast Check

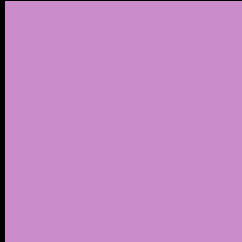
Large Text (above 18pt) WCAG AA × Fail

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 165.7200, 18.3790, 31.8176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

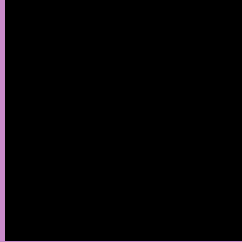
Any Text WCAG AA ✓ Pass

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 165.7200, 18.3790, 31.8176 Background



This preview shows how black text looks on a background with the YUV color 165.7200, 18.3790, 31.8176.



This preview shows how white text looks on a background with the YUV color 165.7200, 18.3790,

31.8176.

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

165.7200, 18.3790, 31.8176

Protanopia

161.4260, 27.3980, -14.4056

Deuteranopia

162.7880, 18.3455, -4.1991



Tritanopia

163.7200, -1.8340, 28.3096

Trichromacy



Original Color

165.7200, 18.3790, 31.8176

Protanomaly

163.0260, 24.1442, 2.6082

Deuteranomaly

163.5770, 18.4495, 9.1410

Tritanomaly

164.3810, 5.7282, 29.4839

Monochromacy



Original Color

165.7200, 18.3790, 31.8176

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7200, 18.3790, 31.8176 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(202, 140, 203)` looks like.

```
.text, #text, p{  
    color:rgb(202, 140, 203)  
}
```

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(202, 140, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 140, 203) }
```

Border

The CSS property to change the border of an element to YUV 165.7200, 18.3790, 31.8176 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(202, 140, 203) }
```


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

```
.border{ border-color:rgb(202, 140, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 140, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 140, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 140, 203);  
box-shadow:4px 4px 4px 4px rgb(202, 140,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 165.7200, 18.3790, 31.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 140, 203) }
```

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

```
.background{ background-color: rgb(202,  
140, 203) }
```

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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