

Converting Colors

YUV(170.7000, 11.9799,
30.9581)

Have a look what the booklet for
YUV(170.7000, 11.9799, 30.9581)
contains.

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Color

**YUV(170.7000, 11.9799,
30.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	CE94C3
RGB	206, 148, 195
RGB Percent	81%, 58%, 76%
CMY	0.1922, 0.4196, 0.2353
CMYK	0.00, 0.28, 0.05, 0.19
HSL	311°, 37%, 69%
HSV	311°, 28%, 81%
XYZ	45.8938, 38.2418, 56.5923
YIQ	170.7000, 19.4810, 26.9130

Conversions

Conversions Part 2

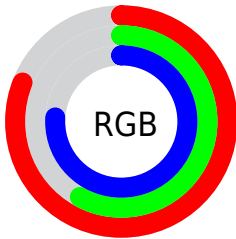
Format	Color
R _Y B	206, 148, 195
Decimal	13538499
CIE Lab	68.20, 29.34, -15.63
CIE LCh	68, 33.243, 331.946
Yxy	38.2418, 0.3261, 0.2717
Android (android.graphics.Color)	4291728579 (0xFFCE94C3)
YUV	170.7000, 11.9799, 30.9581
Hunter-Lab	61.8399, 24.2520, -10.9708

Details

The YUV color **170.7000, 11.9799, 30.9581** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.3000, -11.9799, -30.9581**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1340, 13.7379, 27.0695**, and **117.5750, 11.5485, 29.3137** is the 20% darker color. If you saturate the color by 10%, you get **157.9170, 16.3099, 42.1688**, and if you desaturate by 10%, it is **183.4830, 7.6499, 19.7474**.

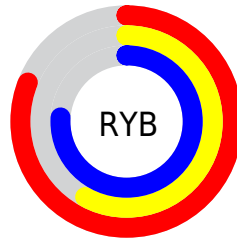
Distribution



Red (81%)

Green (58%)

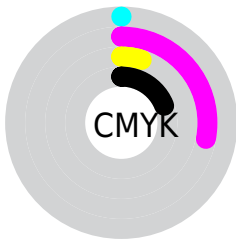
Blue (76%)



Red (81%)

Yellow (58%)

Blue (76%)

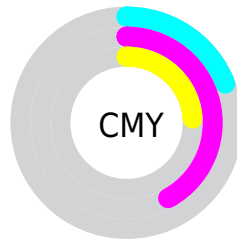


Cyan (0%)

Magenta (28%)

Yellow (5%)

Black (19%)



Cyan (19%)


Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.7000, 11.9799, 30.9581 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 170.7000, 11.9799, 30.9581 by changing the saturation by 10% instead.


 170.7000, 11.9799,
30.9581


 170.7000, 11.9799,
30.9581


255.0000, 0.0000,
0.0000


 143.9880, 11.8379,
29.8285


 224.1340, 13.7379,
27.0695


 117.5750, 11.5485,
29.3137

 240.9120, 6.9454,
12.3552

 92.5640, 11.5539,
27.5694

 68.1510, 11.2646,
27.0546

 44.4390, 11.1226,
25.9250

 21.2540, 11.7068,
25.2102

 11.8200, 6.4977,

15.9439

■ 0.0000, 0.0000,
0.0000

■ 170.7000, 11.9799,
30.9581

■ 170.7000, 11.9799,
30.9581

■ 157.9170, 16.3099,
42.1688

■ 183.4830, 7.6499,
19.7474

■ 145.7210, 20.3505,
52.8647

■ 195.6790, 3.6093,
9.0515

■ 132.9380, 24.6806,
64.0754

■ 208.4620, -0.7208,
-2.1592

■ 120.7420, 28.7212,
74.7713

■ 220.6580, -4.7614,
-12.8551

■ 107.9590, 33.0512,
85.9820

■ 233.4410, -9.0914,
-24.0658

95.2900, 37.8180,
97.0927

236.1310, -8.9386,
-26.4249

83.0940, 41.8587,
107.7886

236.5870, -7.1914,
-26.8248

80.6320, 42.5794,
109.9477

237.0430, -5.4442,
-27.2247

237.4990, -3.6970,
-27.6246

Harmonies

Analogous

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



169.2110, 23.5600, 3.3230



170.7000, 11.9799, 30.9581



169.4280, -2.1830, 46.9826

Triad

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



170.7000, 11.9799, 30.9581



164.2540, -28.7192, 18.1942



146.9330, 24.6830, -77.1172

Complementary

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



170.7000, 11.9799, 30.9581



183.3000, -11.9799, -30.9581

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.



150.6780, 8.0467, -61.1076



170.7000, 11.9799, 30.9581



160.8810, -23.1123, -6.9116

Square

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



170.7000, 11.9799, 30.9581



166.7710, -26.0161, 37.9118



156.2610, -9.4957, -34.4319



153.2690, 31.9124, -62.5029

Rectangle

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



170.7000, 11.9799, 30.9581



168.6320, -11.6506, 50.3117



156.2610, -9.4957, -34.4319



147.1030, 20.1622, -73.7583

Sweetspot

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



170.7000, 11.9799, 30.9581



242.8040, 4.0406, 10.6959



157.9010, 23.7128, 0.9638



120.0270, 2.4517, 6.9923



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.



170.7000, 11.9799, 30.9581



202.1070, 18.1882, 46.3872



167.3940, -0.6872, 33.8575



95.9020, 2.0203, 5.3479



64.9100, 34.0614, 88.6559



14.8960, 7.9393, 20.2622

Inverse Universe

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



170.7000, 11.9799, 30.9581



202.1070, 18.1882, 46.3872



186.6060, 0.6872, -33.8575



95.9020, 2.0203, 5.3479



64.9100, 34.0614, 88.6559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 170.7000, 11.9799, 30.9581 looks on a white background.

Color Contrast Check

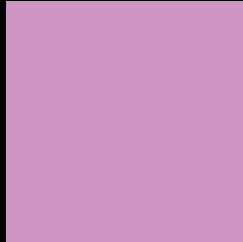
Large Text (above 18pt) WCAG AA × Fail

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 170.7000, 11.9799, 30.9581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

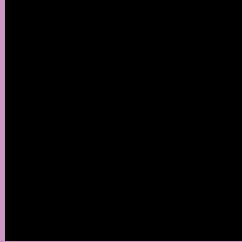
Any Text WCAG AA ✓ Pass

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 170.7000, 11.9799, 30.9581 Background



This preview shows how black text looks on a background with the YUV color 170.7000, 11.9799, 30.9581.



This preview shows how white text looks on a background with the YUV color 170.7000, 11.9799, 30.9581.

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

170.7000, 11.9799, 30.9581

Protanopia

167.3960, 19.5248, -9.1173

Deuteranopia

167.8120, 11.9247, 1.9189



Tritanopia

169.0190, -1.9814, 28.9243

Trichromacy



Original Color

170.7000, 11.9799, 30.9581

Protanomaly

168.8000, 16.8606, 5.4374

Deuteranomaly

168.8780, 11.8921, 12.3850

Tritanomaly

169.3980, 3.2548, 29.4690

Monochromacy



Original Color

170.7000, 11.9799, 30.9581

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2170, 4.3300, 11.2107

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7000, 11.9799, 30.9581 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(206, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(206, 148, 195)  
}
```

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(206, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 148, 195) }
```

Border

The CSS property to change the border of an element to YUV 170.7000, 11.9799, 30.9581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

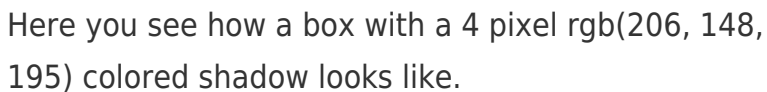
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 148, 195) }
```


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

```
.border{ border-color:rgb(206, 148, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 148, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 148, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 148, 195); box-shadow:4px 4px 4px 4px rgb(206, 148, 195) }
```

Background

The CSS property to change the background color of an element to YUV 170.7000, 11.9799, 30.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 148, 195) }
```

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

```
.background{ background-color: rgb(206,  
148, 195) }
```

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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