

Converting Colors

YUV(130.7000, 18.8819,
57.2681)

Have a look what the booklet for
YUV(130.7000, 18.8819, 57.2681)
contains.

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Color

**YUV(130.7000, 18.8819,
57.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	C45AA9
RGB	196, 90, 169
RGB Percent	77%, 35%, 66%
CMY	0.2314, 0.6471, 0.3373
CMYK	0.00, 0.54, 0.14, 0.23
HSL	315°, 47%, 56%
HSV	315°, 54%, 77%
XYZ	33.5825, 21.9127, 39.9957
YIQ	130.7000, 37.8170, 47.0410

Conversions

Conversions Part 2

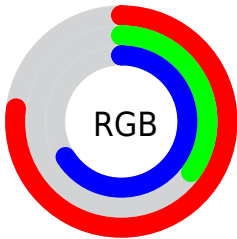
Format	Color
R_{YB}	196, 90, 169
Decimal	12868265
CIE _{Lab}	53.93, 52.04, -22.66
CIE _{LCh}	54, 56.756, 336.470
Yxy	21.9127, 0.3517, 0.2295
Android (android.graphics.Color)	4291058345 (0xFFC45AA9)
YUV	130.7000, 18.8819, 57.2681
Hunter-Lab	46.8110, 46.1381, -17.8902

Details

The YUV color **130.7000, 18.8819, 57.2681** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **155.3000, -18.8819, -57.2681**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3090, 18.5817, 60.2420**, and **75.1560, 20.6291, 56.8682** is the 20% darker color. If you saturate the color by 10%, you get **118.3900, 22.4857, 68.0640**, and if you desaturate by 10%, it is **143.0100, 15.2781, 46.4722**.

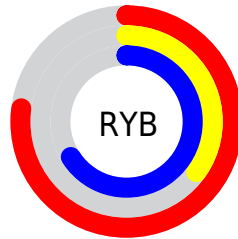
Distribution



Red (77%)

Green (35%)

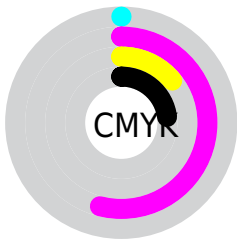
Blue (66%)



Red (77%)

Yellow (35%)

Blue (66%)

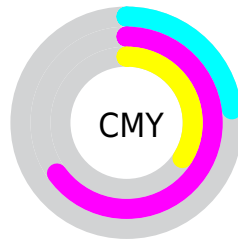


Cyan (0%)

Magenta (54%)

Yellow (14%)

Black (23%)



Cyan (23%)

Magenta (65%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7000, 18.8819, 57.2681 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 130.7000, 18.8819, 57.2681 by changing the saturation by 10% instead.

■ 130.7000, 18.8819,
57.2681

■ 130.7000, 18.8819,
57.2681

255.0000, 0.0000,
0.0000

■ 103.1020, 19.1767,
56.0385

■ 186.3090, 18.5817,
60.2420

■ 75.1560, 20.6291,
56.8682

■ 206.0510, 23.1459,
42.9283

■ 43.9760, 23.6758,
59.6570

■ 222.7150, 15.9165,
28.3139

■ 33.4660, 17.0253,
46.0723

■ 239.7380, 7.5242,
13.3848

■ 23.1840, 11.2483,
32.2876

■ 12.9020, 5.4713,
18.5029

■ 0.0000, 0.0000,

0.0000

■ 130.7000, 18.8819,
57.2681

■ 130.7000, 18.8819,
57.2681

■ 118.3900, 22.4857,
68.0640

■ 143.0100, 15.2781,
46.4722

■ 106.6670, 25.8002,
78.3450

■ 154.7330, 11.9636,
36.1912

■ 94.3570, 29.4040,
89.1409

■ 167.0430, 8.3598,
25.3953

■ 82.6340, 32.7184,
99.4220

■ 178.7660, 5.0454,
15.1142

■ 75.2480, 34.8807,
105.8995

■ 191.0760, 1.4415,
4.3183

■ 203.3860, -2.1623,
-6.4775

■ 215.1090, -5.4767,
-16.7586

■ 227.4190, -9.0806,
-27.5545

■ 232.6850, -9.2117,
-32.1727

Harmonies

Analogous

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



131.9250, 37.5050, 10.5898



130.7000, 18.8819, 57.2681



126.1100, -3.0122, 79.7105

Triad

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



130.7000, 18.8819, 57.2681



120.9620, -52.7323, 20.2043



109.8410, 37.5464, -96.3306

Complementary

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



130.7000, 18.8819, 57.2681



155.3000, -18.8819, -57.2681

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.



104.9560, 16.2907, -92.0464



130.7000, 18.8819, 57.2681



115.7640, -35.8727, -20.8410

Square

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



130.7000, 18.8819, 57.2681



124.6360, -44.6835, 52.0622



97.4950, -4.6810, -85.5031



109.3800, 53.5497, -95.9263

Rectangle

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



130.7000, 18.8819, 57.2681



124.7990, -18.1419, 79.1063



97.4950, -4.6810, -85.5031



108.7180, 30.7050, -95.3457

Sweetspot

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



130.7000, 18.8819, 57.2681



229.7930, 7.4971, 22.1065



110.1570, 42.3206, 6.0013



112.5270, 4.1772, 13.5698



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.



130.7000, 18.8819, 57.2681



152.7700, 29.6934, 89.6557



124.7720, -3.8316, 62.4670



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Inverse Universe

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



130.7000, 18.8819, 57.2681



152.7700, 29.6934, 89.6557



161.3420, 4.2684, -62.5669



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 130.7000, 18.8819, 57.2681 looks on a white background.

Color Contrast Check

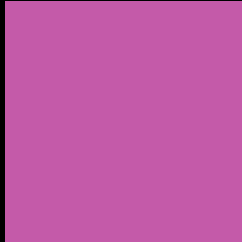
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7000, 18.8819, 57.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

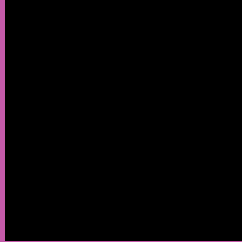
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.7000, 18.8819, 57.2681 Background



This preview shows how black text looks on a background with the YUV color 130.7000, 18.8819, 57.2681.



This preview shows how white text looks on a background with the YUV color 130.7000, 18.8819,

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

130.7000, 18.8819, 57.2681

Protanopia

128.2170, 34.4030, -21.2383

Deuteranopia

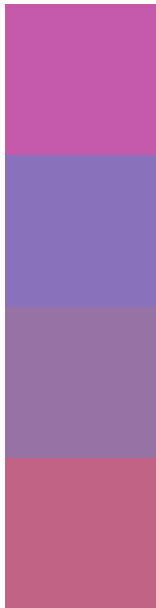
130.5060, 16.0195, -4.8288



Tritanopia

130.5120, -9.6194, 52.1710

Trichromacy



Original Color

130.7000, 18.8819, 57.2681

Protanomaly

129.1990, 28.4959, 6.8415

Deuteranomaly

130.8770, 16.8226, 17.6479

Tritanomaly

130.5690, 0.7055, 53.8750

Monochromacy



Original Color

130.7000, 18.8819, 57.2681

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9670, 6.9183, 21.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7000, 18.8819, 57.2681 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(196, 90, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 90, 169)  
}
```

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(196, 90, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 90, 169) }
```

Border

The CSS property to change the border of an element to YUV 130.7000, 18.8819, 57.2681 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(196, 90, 169) }
```


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

```
.border{ border-color:rgb(196, 90, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 90, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 90, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 90, 169);  
box-shadow:4px 4px 4px 4px rgb(196, 90,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 130.7000, 18.8819, 57.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 90, 169) }
```

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

```
.background{ background-color: rgb(196, 90,  
169) }
```

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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