

Converting Colors

YUV(180.2900, 17.1120,
18.1627)

Have a look what the booklet for
YUV(180.2900, 17.1120, 18.1627)
contains.

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Color

**YUV(180.2900, 17.1120,
18.1627)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A3D7
RGB	201, 163, 215
RGB Percent	79%, 64%, 84%
CMY	0.2118, 0.3608, 0.1569
CMYK	0.07, 0.24, 0.00, 0.16
HSL	284°, 39%, 74%
HSV	284°, 24%, 84%
XYZ	49.4503, 43.5182, 70.0835
YIQ	180.2900, 5.9560, 24.2280

Conversions

Conversions Part 2

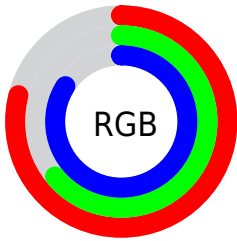
Format	Color
R_{YB}	201, 163, 215
Decimal	13214679
CIE _{Lab}	71.91, 23.24, -21.12
CIE _{LCh}	72, 31.405, 317.735
Yxy	43.5182, 0.3033, 0.2669
Android (android.graphics.Color)	4291404759 (0xFFC9A3D7)
YUV	180.2900, 17.1120, 18.1627
Hunter-Lab	65.9683, 18.3603, -16.8108

Details

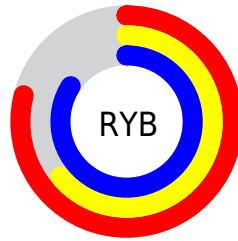
The YUV color **180.2900, 17.1120, 18.1627** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197.7100, -17.1120, -18.1627**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **127.0510, 16.2439, 16.6183** is the 20% darker color. If you saturate the color by 10%, you get **166.1690, 24.0737, 25.2848**, and if you desaturate by 10%, it is **194.9980, 9.8610, 10.5258**.

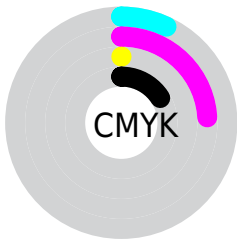
Distribution



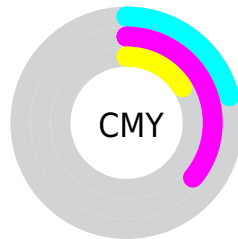
- Red (79%)
- Green (64%)
- Blue (84%)



- Red (79%)
- Yellow (64%)
- Blue (84%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)





- Cyan (21%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.2900, 17.1120, 18.1627 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 180.2900, 17.1120, 18.1627 by changing the saturation by 10% instead.


 180.2900, 17.1120,
18.1627


 180.2900, 17.1120,
18.1627


255.0000, 0.0000,
0.0000


 153.4640, 16.5332,
17.1331


 233.2810, 10.7075,
19.0476


 127.0510, 16.2439,
16.6183

 250.3040, 2.3151,
4.1184

 101.6380, 15.9545,
16.1035

 77.6980, 14.9389,
15.1739

 54.2850, 14.6495,
14.6591

 31.5730, 14.5075,
13.5295

 13.1170, 12.7603,

13.9294

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 180.2900, 17.1120,
18.1627

■ 180.2900, 17.1120,
18.1627

■ 166.1690, 24.0737,
25.2848

■ 194.9980, 9.8610,
10.5258

■ 151.4610, 31.3247,
32.9217

■ 209.1190, 2.8993,
3.4036

■ 137.6390, 38.1390,
40.6586

■ 222.9410, -3.9149,
-4.3333

■ 122.9310, 45.3900,
48.2955

■ 237.6490,
-11.1660, -11.9702

108.2230, 52.6411,
55.9324

242.9650,
-13.7867, -11.3703

94.1020, 59.6027,
63.0545

244.7590,
-14.6712, -7.6816

79.3940, 66.8538,
70.6915

246.5530,
-15.5556, -3.9930

71.4530, 70.7687,
75.0247

248.0480,
-16.2927, -0.9191

249.8420,
-17.1771, 2.7696

Harmonies

Analogous

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



176.9210, 26.6609, -11.3317



180.2900, 17.1120, 18.1627



180.3930, 4.2433, 39.1203

Triad

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



180.2900, 17.1120, 18.1627



175.4770, -26.8572, 27.6457



160.7190, 15.9145, -64.6516

Complementary

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



180.2900, 17.1120, 18.1627



197.7100, -17.1120, -18.1627

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.



164.4860, -0.7326, -45.1532



180.2900, 17.1120, 18.1627



172.9750, -25.6237, 5.2839

Square

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



180.2900, 17.1120, 18.1627



177.7700, -21.0856, 43.1747



169.0410, -15.7962, -20.2070



162.1070, 27.5552, -64.9918

Rectangle

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



180.2900, 17.1120, 18.1627



180.0320, -4.9458, 46.4529



169.0410, -15.7962, -20.2070



161.6720, 10.5147, -59.3483

Sweetspot

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



180.2900, 17.1120, 18.1627



242.9390, 5.9461, 6.1925



177.7330, 18.3726, -12.9208



120.6460, 3.6255, 3.8185



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.



180.2900, 17.1120, 18.1627



205.5820, 24.3631, 25.7996



183.2220, 10.2436, 27.8693



99.6460, 3.6255, 3.8185



56.8690, 56.2666, 59.7509



14.4700, 14.0653, 15.3738

Inverse Universe

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



180.1440, -1.5500, 30.5687



205.4060, -2.1722, 43.4939



194.7780, -10.2436, -27.8693



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 180.2900, 17.1120, 18.1627 looks on a white background.

Color Contrast Check

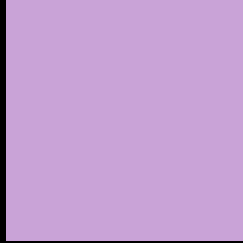
Large Text (above 18pt) WCAG AA × Fail

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 180.2900, 17.1120, 18.1627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

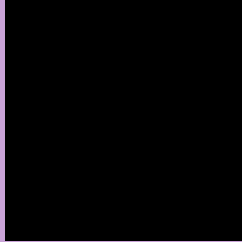
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.2900, 17.1120, 18.1627

Background



This preview shows how black text looks on a background with the YUV color 180.2900, 17.1120, 18.1627.



This preview shows how white text looks on a background with the YUV color 180.2900, 17.1120,

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

180.2900, 17.1120, 18.1627

Protanopia

177.1830, 22.5878, -11.5615

Deuteranopia

178.1580, 17.1771, -2.7696



Tritanopia

178.5550, 1.6984, 15.2993

Trichromacy



Original Color

180.2900, 17.1120, 18.1627

Protanomaly

178.3800, 20.5187, -1.2103

Deuteranomaly

178.6150, 17.4448, 4.7226

Tritanomaly

179.3470, 7.2239, 16.3587

Monochromacy



Original Color

180.2900, 17.1120, 18.1627

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.3520, 6.2355, 6.7073

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2900, 17.1120, 18.1627 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(201, 163, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 215)  
}
```

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(201, 163, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 215) }
```

Border

The CSS property to change the border of an element to YUV 180.2900, 17.1120, 18.1627 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(201, 163, 215) }
```


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

```
.border{ border-color:rgb(201, 163, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 163, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 180.2900, 17.1120, 18.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 215) }
```

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

```
.background{ background-color: rgb(201,  
163, 215) }
```

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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