

Converting Colors

YUV(180.1450, 30.4945,
19.1668)

Have a look what the booklet for
YUV(180.1450, 30.4945, 19.1668)
contains.

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Color

**YUV(180.1450, 30.4945,
19.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9DF2
RGB	202, 157, 242
RGB Percent	79%, 62%, 95%
CMY	0.2078, 0.3843, 0.0510
CMYK	0.17, 0.35, 0.00, 0.05
HSL	272°, 77%, 78%
HSV	272°, 35%, 95%
XYZ	52.4411, 43.0813, 89.5560
YIQ	180.1450, -0.4650, 35.9750

Conversions

Conversions Part 2

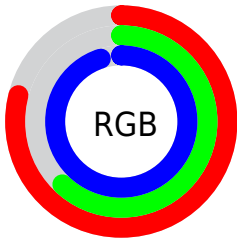
Format	Color
R _{YB}	202, 157, 242
Decimal	13278706
CIE _{Lab}	71.61, 32.46, -36.34
CIE _{LCh}	72, 48.725, 311.777
Yxy	43.0813, 0.2833, 0.2328
Android (android.graphics.Color)	4291468786 (0xFFCA9DF2)
YUV	180.1450, 30.4945, 19.1668
Hunter-Lab	65.6363, 27.7515, -34.9514

Details

The YUV color **180.1450, 30.4945, 19.1668** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **218.8550, -30.4945, -19.1668**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **126.7920, 29.1895, 17.7224** is the 20% darker color. If you saturate the color by 10%, you get **162.7680, 39.0614, 24.7595**, and if you desaturate by 10%, it is **197.5220, 21.9277, 13.5742**.

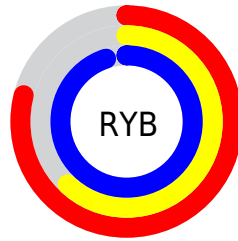
Distribution



Red (79%)

Green (62%)

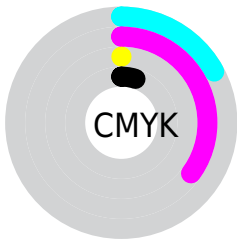
Blue (95%)



Red (79%)

Yellow (62%)

Blue (95%)

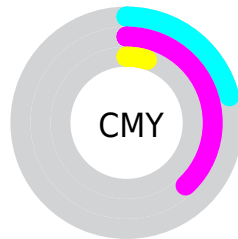


Cyan (17%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (21%)


Magenta (38%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.1450, 30.4945, 19.1668 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 180.1450, 30.4945, 19.1668 by changing the saturation by 10% instead.


 180.1450, 30.4945,
19.1668

 180.1450, 30.4945,
19.1668


255.0000, 0.0000,
0.0000


 153.2050, 29.4789,
18.2372


 229.7590, 12.4438,
22.1364


 126.7920, 29.1895,
17.7224

 246.7820, 4.0515,
7.2072

 100.8520, 28.1740,
16.7928

 76.0260, 27.5952,
15.7632

 52.0860, 26.5796,
14.8336

 28.3740, 26.4376,
13.7040

 13.4890, 21.9439,

8.3411

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 180.1450, 30.4945,
19.1668

■ 180.1450, 30.4945,
19.1668

■ 162.7680, 39.0614,
24.7595

■ 197.5220, 21.9277,
13.5742

■ 145.0920, 47.7756,
29.7373

■ 215.1980, 13.2134,
8.5964

■ 127.1280, 56.6319,
35.8447

■ 233.1620, 4.3571,
2.4889

■ 109.4520, 65.3462,
40.8226

■ 250.8380, -4.3571,
-2.4889

■ 92.0750, 73.9130,
46.4152

■ 253.5180, -5.6784,
1.2997

■ 74.6980, 82.4799,
52.0079

■ 65.8600, 86.8370,
54.4968

Harmonies

Analogous

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



171.2740, 41.2769, -32.6893



180.1450, 30.4945, 19.1668



180.1530, 11.7566, 55.9938

Triad

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



180.1450, 30.4945, 19.1668



173.2160, -41.0255, 45.4146



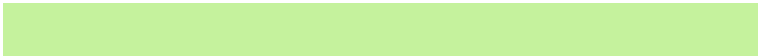
138.1140, 26.5658, -121.1260

Complementary

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



180.1450, 30.4945, 19.1668



218.8550, -30.4945, -19.1668

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.



153.2240, -3.5614, -71.2334



180.1450, 30.4945, 19.1668



170.1920, -41.5067, 12.9866

Square

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



180.1450, 30.4945, 19.1668



175.6760, -28.4343, 66.9361



164.6910, -28.4417, -24.2850



141.6140, 45.0533, -124.1955

Rectangle

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



180.1450, 30.4945, 19.1668



177.2010, -1.0851, 68.2297



164.6910, -28.4417, -24.2850



136.4040, 20.0138, -119.6263

Sweetspot

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



180.1450, 30.4945, 19.1668



234.6770, 10.0192, 6.4223



190.7570, 25.2628, -29.6049



115.6290, 6.0989, 3.8334



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.



180.1450, 30.4945, 19.1668



177.2410, 38.3352, 24.3446



191.9910, 24.1614, 43.8579



111.1620, 4.3571, 2.4889



49.9790, 66.0724, 41.2374



15.3540, 20.0385, 12.8445

Inverse Universe

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



186.9750, 4.9423, 48.2569



185.6930, 6.0674, 60.7822



207.0090, -24.1614, -43.8579



112.2720, 0.8519, 6.7775



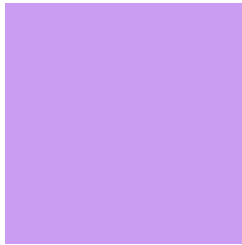
64.8200, 10.4417, 104.5209



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 180.1450, 30.4945, 19.1668 looks on a white background.

Color Contrast Check

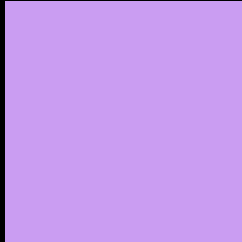
Large Text (above 18pt) WCAG AA × Fail

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 180.1450, 30.4945, 19.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

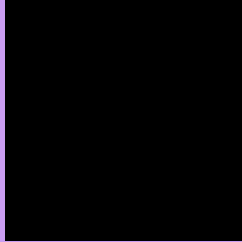
Any Text WCAG AA ✓ Pass

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 180.1450, 30.4945, 19.1668 Background



This preview shows how black text looks on a background with the YUV color 180.1450, 30.4945, 19.1668.



This preview shows how white text looks on a background with the YUV color 180.1450, 30.4945,

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

180.1450, 30.4945, 19.1668

Protanopia

175.1720, 39.3552, -22.9528

Deuteranopia

175.7400, 31.1872, -16.4350



Tritanopia

177.3590, 2.2880, 12.8402

Trichromacy



Original Color

180.1450, 30.4945, 19.1668



Protanomaly

176.7610, 36.1068, -7.6834



Deuteranomaly

177.1160, 31.0018, -3.6097



Tritanomaly

178.7150, 12.4655, 15.1589

Monochromacy



Original Color

180.1450, 30.4945, 19.1668



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.3180, 11.1822, 6.7371

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1450, 30.4945, 19.1668 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, 157, 242)` looks like.

```
.text, #text, p{  
    color:rgb(202, 157, 242)  
}
```

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, 157, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 157, 242) }
```

Border

The CSS property to change the border of an element to YUV 180.1450, 30.4945, 19.1668 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, 157, 242) }
```


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

```
.border{ border-color:rgb(202, 157, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 157, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 157, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 157, 242);  
box-shadow:4px 4px 4px 4px rgb(202, 157,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 180.1450, 30.4945, 19.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 157, 242) }
```

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

```
.background{ background-color: rgb(202,  
157, 242) }
```

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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