

Converting Colors

YUV(179.8660, 37.0411,
19.4115)

Have a look what the booklet for
YUV(179.8660, 37.0411, 19.4115)
contains.

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Color

**YUV(179.8660, 37.0411,
19.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9AFF
RGB	202, 154, 255
RGB Percent	79%, 60%, 100%
CMY	0.2078, 0.3961, 0.0000
CMYK	0.21, 0.40, 0.00, 0.00
HSL	269°, 100%, 80%
HSV	269°, 40%, 100%
XYZ	53.9627, 42.8878, 100.0418
YIQ	179.8660, -3.8130, 41.5870

Conversions

Conversions Part 2

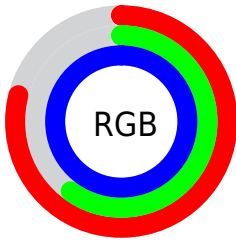
Format	Color
RYB	202, 154, 255
Decimal	13277951
CIELab	71.48, 36.96, -43.61
CIELCh	71, 57.162, 310.281
Yxy	42.8878, 0.2741, 0.2178
Android (android.graphics.Color)	4291468031 (0xFFCA9AFF)
YUV	179.8660, 37.0411, 19.4115
Hunter-Lab	65.4887, 32.4787, -44.7303

Details

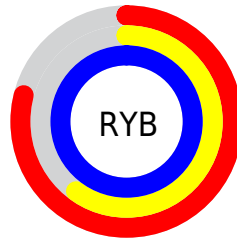
The YUV color **179.8660, 37.0411, 19.4115** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **229.1340, -37.0411, -19.4115**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **126.1000, 35.4467, 17.4523** is the 20% darker color. If you saturate the color by 10%, you get **161.3040, 46.1921, 24.2894**, and if you desaturate by 10%, it is **198.4280, 27.8900, 14.5336**.

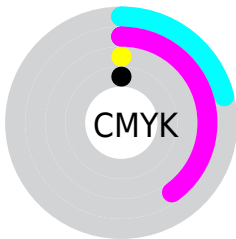
Distribution



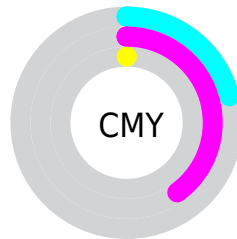
- Red (79%)
- Green (60%)
- Blue (100%)



- Red (79%)
- Yellow (60%)
- Blue (100%)



- Cyan (21%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (21%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.8660, 37.0411, 19.4115 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 179.8660, 37.0411, 19.4115 by changing the saturation by 10% instead.


 179.8660, 37.0411,
19.4115


 179.8660, 37.0411,
19.4115


255.0000, 0.0000,
0.0000


 152.9260, 36.0255,
18.4819


 227.9980, 13.3120,
23.6808


 126.1000, 35.4467,
17.4523

 245.0210, 4.9196,
8.7516

 100.1600, 34.4311,
16.5227

 74.9210, 33.5629,
14.9783

 50.6820, 32.6948,
13.4339

 25.3830, 32.8422,
12.8191

 12.5360, 27.3438,

3.0379

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 179.8660, 37.0411,
19.4115

■ 179.8660, 37.0411,
19.4115

■ 161.3040, 46.1921,
24.2894

■ 198.4280, 27.8900,
14.5336

■ 141.8560, 55.7800,
29.0673

■ 217.8760, 18.3021,
9.7557

■ 123.2940, 64.9311,
33.9452

■ 237.0250, 8.8617,
4.3631

■ 103.8460, 74.5189,
38.7231

■ 255.0000, 0.0000,
0.0000

■ 84.6970, 83.9594,
44.1157

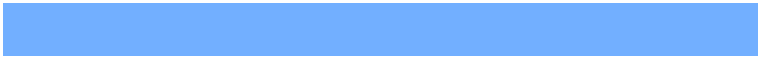
■ 66.1350, 93.1104,
48.9936

■ 65.2490, 93.5472,
48.8936

Harmonies

Analogous

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



165.8810, 43.9357, -45.4996



179.8660, 37.0411, 19.4115



178.6470, 15.9500, 64.3306

Triad

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



179.8660, 37.0411, 19.4115



172.1370, -47.8885, 53.3769



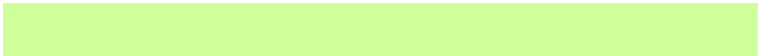
139.8750, 25.6976, -122.6704

Complementary

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



179.8660, 37.0411, 19.4115



229.1340, -37.0411, -19.4115

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.



143.6080, -2.7647, -93.4952



179.8660, 37.0411, 19.4115



168.2220, -50.3954, 17.3453

Square

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



179.8660, 37.0411, 19.4115



171.5520, -30.3451, 73.1839



161.7740, -34.3986, -26.9888



144.2870, 47.6795, -126.5397

Rectangle

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



179.8660, 37.0411, 19.4115



172.1460, 2.3930, 72.6630



161.7740, -34.3986, -26.9888



137.8230, 17.8353, -120.8708

Sweetspot

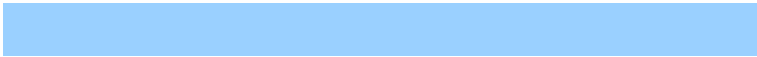
The Sweet Spot groups the original color and five complimentary colors.



179.8660, 37.0411, 19.4115



232.0190, 11.3296, 6.1223



197.2120, 28.4895, -37.8969



114.4440, 6.6831, 3.1186



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.



179.8660, 37.0411, 19.4115



164.2500, 44.7398, 23.4597



194.8160, 29.6707, 50.1504



118.2760, 4.7939, 2.3889



48.9830, 70.0144, 36.8489



16.2660, 23.5329, 12.0447

Inverse Universe

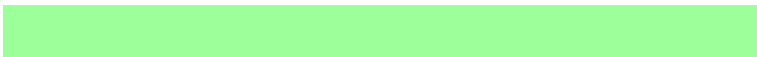
The Inverse Universe completely reimagines the original color for something new.



190.2410, 8.2622, 56.7936



176.7740, 9.9714, 68.6042



214.1840, -29.6707, -50.1504



119.5710, 0.7045, 7.3922



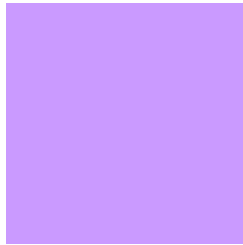
68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 179.8660, 37.0411, 19.4115 looks on a white background.

Color Contrast Check

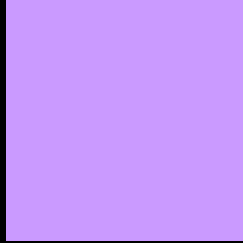
Large Text (above 18pt) WCAG AA × Fail

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 179.8660, 37.0411, 19.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

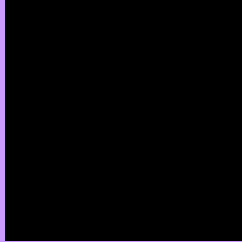
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.8660, 37.0411, 19.4115

Background



This preview shows how black text looks on a background with the YUV color 179.8660, 37.0411, 19.4115.



This preview shows how white text looks on a background with the YUV color 179.8660, 37.0411, 19.4115.

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

179.8660, 37.0411, 19.4115

Protanopia

174.5740, 39.6500, -24.1824

Deuteranopia

174.4060, 37.7608, -24.9121



Tritanopia

176.8750, 3.0196, 11.5106

Trichromacy



Original Color

179.8660, 37.0411, 19.4115



Protanomaly

176.4450, 38.7276, -8.2833



Deuteranomaly

176.3910, 37.2752, -9.1129



Tritanomaly

178.1000, 15.2337, 13.9443

Monochromacy



Original Color

179.8660, 37.0411, 19.4115



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.1870, 13.2188, 6.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8660, 37.0411, 19.4115 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, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 154, 255)  
}
```

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, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 154, 255) }
```

Border

The CSS property to change the border of an element to YUV 179.8660, 37.0411, 19.4115 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, 154, 255) }
```


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

```
.border{ border-color:rgb(202, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 154,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 179.8660, 37.0411, 19.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 154, 255) }
```

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

```
.background{ background-color: rgb(202,  
154, 255) }
```

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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