

Converting Colors

YUV(171.2800, 35.8510,
27.8184)

Have a look what the booklet for
YUV(171.2800, 35.8510, 27.8184)
contains.

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Color

**YUV(171.2800, 35.8510,
27.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8DF4
RGB	203, 141, 244
RGB Percent	80%, 55%, 96%
CMY	0.2039, 0.4471, 0.0431
CMYK	0.17, 0.42, 0.00, 0.04
HSL	276°, 82%, 75%
HSV	276°, 42%, 96%
XYZ	50.4826, 38.2779, 90.3156
YIQ	171.2800, 3.8890, 45.1770

Conversions

Conversions Part 2

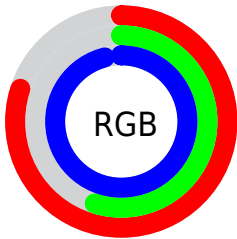
Format	Color
R _Y B	203, 141, 244
Decimal	13340148
CIE Lab	68.22, 41.88, -42.70
CIE LCh	68, 59.813, 314.446
Yxy	38.2779, 0.2819, 0.2138
Android (android.graphics.Color)	4291530228 (0xFFFCB8DF4)
YUV	171.2800, 35.8510, 27.8184
Hunter-Lab	61.8691, 37.3774, -43.2422

Details

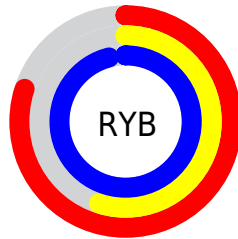
The YUV color **171.2800, 35.8510, 27.8184** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **213.7200, -35.8510, -27.8184**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **117.5140, 34.2566, 25.8592** is the 20% darker color. If you saturate the color by 10%, you get **154.2020, 44.2704, 34.0258**, and if you desaturate by 10%, it is **188.3580, 27.4315, 21.6110**.

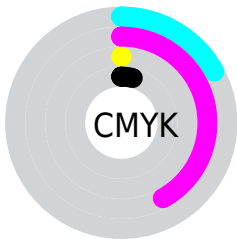
Distribution



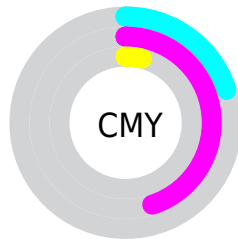
- Red (80%)
- Green (55%)
- Blue (96%)



- Red (80%)
- Yellow (55%)
- Blue (96%)



- Cyan (17%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)




- Cyan (20%)
- Magenta (45%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2800, 35.8510, 27.8184 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 171.2800, 35.8510, 27.8184 by changing the saturation by 10% instead.


 171.2800, 35.8510,
27.8184

 171.2800, 35.8510,
27.8184


255.0000, 0.0000,
0.0000


 144.3400, 34.8354,
26.8888


 220.3670, 17.0741,
30.3731


 117.5140, 34.2566,
25.8592


 236.8030, 8.9711,
15.9588

 91.6880, 33.6778,
24.8296

 253.8260, 0.5788,
1.0296

 66.4490, 32.8096,
23.2852

 39.9760, 33.5358,
23.7000

 21.7210, 30.2105,
16.9077

 12.4070, 22.9703,

5.7821

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 171.2800, 35.8510,
27.8184

■ 171.2800, 35.8510,
27.8184

■ 154.2020, 44.2704,
34.0258

■ 188.3580, 27.4315,
21.6110

■ 136.8360, 52.8319,
41.3628

■ 205.7240, 18.8701,
14.2741

■ 119.7580, 61.2513,
47.5702

■ 222.8020, 10.4506,
8.0666

■ 102.0930, 69.9602,
54.2924

■ 240.4670, 1.7418,
1.3444

■ 85.0150, 78.3796,
60.4998

■ 252.8490, -4.3626,
-0.7446

■ 71.7690, 84.9099,
65.9776

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



159.4350, 47.1135, -38.0925



171.2800, 35.8510, 27.8184



169.1210, 13.7443, 71.8079

Triad

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



171.2800, 35.8510, 27.8184



161.9040, -51.2247, 50.0732



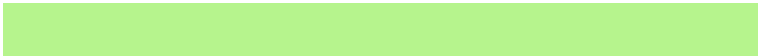
135.1790, 28.0128, -118.5520

Complementary

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



171.2800, 35.8510, 27.8184



213.7200, -35.8510, -27.8184

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.



127.5070, 3.6940, -111.8236



171.2800, 35.8510, 27.8184



158.1350, -51.8316, 11.2826

Square

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



171.2800, 35.8510, 27.8184



163.7330, -34.8714, 78.2872



150.5880, -32.3349, -35.5957



139.0040, 50.2840, -121.9065

Rectangle

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



171.2800, 35.8510, 27.8184



163.1640, -1.5599, 80.5402



150.5880, -32.3349, -35.5957



133.0130, 19.7136, -116.6524

Sweetspot

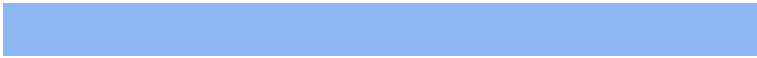
The Sweet Spot groups the original color and five complimentary colors.



171.2800, 35.8510, 27.8184



231.7420, 11.4662, 8.9963



176.8090, 33.1252, -31.4045



112.9820, 7.4039, 5.2778



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.



171.2800, 35.8510, 27.8184



163.1420, 45.2860, 34.9555



182.3990, 25.4393, 54.0241



113.7600, 4.0623, 3.7185



54.6920, 64.7348, 50.2591



17.1910, 20.6118, 15.6185

Inverse Universe

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



176.4710, 2.7258, 59.2229



169.7980, 3.5506, 74.7222



202.6010, -25.4393, -54.0241



114.1580, 0.4151, 6.8774



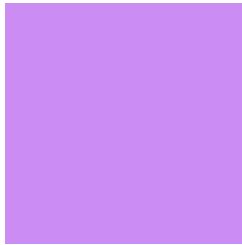
64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 171.2800, 35.8510, 27.8184 looks on a white background.

Color Contrast Check

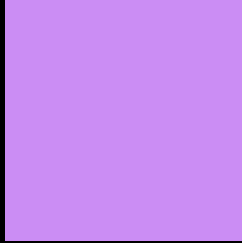
Large Text (above 18pt) WCAG AA × Fail

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 171.2800, 35.8510, 27.8184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

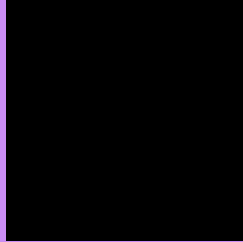
Any Text WCAG AA ✓ Pass

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 171.2800, 35.8510, 27.8184 Background



This preview shows how black text looks on a background with the YUV color 171.2800, 35.8510, 27.8184.



This preview shows how white text looks on a background with the YUV color 171.2800, 35.8510,

27.8184.

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

171.2800, 35.8510, 27.8184

Protanopia

165.4040, 44.1708, -27.5413

Deuteranopia

165.3630, 36.3030, -23.9974



Tritanopia

168.6480, 0.6665, 19.6027

Trichromacy



Original Color

171.2800, 35.8510, 27.8184



Protanomaly

167.7270, 41.0536, -7.6536



Deuteranomaly

167.4840, 36.2434, -4.8095



Tritanomaly

169.4000, 13.6068, 22.4512

Monochromacy



Original Color

171.2800, 35.8510, 27.8184



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.2090, 13.2080, 10.3407

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2800, 35.8510, 27.8184 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(203, 141, 244)` looks like.

```
.text, #text, p{  
    color:rgb(203, 141, 244)  
}
```

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(203, 141, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 141, 244) }
```

Border

The CSS property to change the border of an element to YUV 171.2800, 35.8510, 27.8184 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(203, 141, 244) }
```


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

```
.border{ border-color:rgb(203, 141, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 141, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 141, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 141, 244);  
box-shadow:4px 4px 4px 4px rgb(203, 141,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 171.2800, 35.8510, 27.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 141, 244) }
```

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

```
.background{ background-color: rgb(203,  
141, 244) }
```

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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