

Converting Colors

YUV(179.2570, 37.3413,
16.4376)

Have a look what the booklet for
YUV(179.2570, 37.3413, 16.4376)
contains.

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Color

**YUV(179.2570, 37.3413,
16.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	C69BFF
RGB	198, 155, 255
RGB Percent	78%, 61%, 100%
CMY	0.2235, 0.3922, 0.0000
CMYK	0.22, 0.39, 0.00, 0.00
HSL	266°, 100%, 80%
HSV	266°, 39%, 100%
XYZ	53.0600, 42.6685, 100.0470
YIQ	179.2570, -6.4720, 40.2160

Conversions

Conversions Part 2

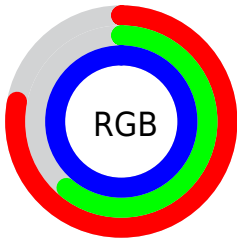
Format	Color
R _Y B	198, 155, 255
Decimal	13016063
CIE Lab	71.33, 35.28, -43.87
CIE LCh	71, 56.295, 308.806
Yxy	42.6685, 0.2710, 0.2179
Android (android.graphics.Color)	4291206143 (0xFFC69BFF)
YUV	179.2570, 37.3413, 16.4376
Hunter-Lab	65.3211, 30.6829, -45.0849

Details

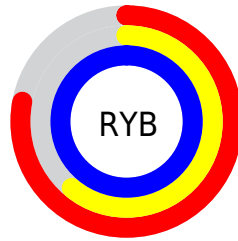
The YUV color **179.2570, 37.3413, 16.4376** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **230.7430, -37.3413, -16.4376**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **125.4910, 35.7469, 14.4784** is the 20% darker color. If you saturate the color by 10%, you get **160.0970, 46.7872, 20.0859**, and if you desaturate by 10%, it is **198.4170, 27.8954, 12.7893**.

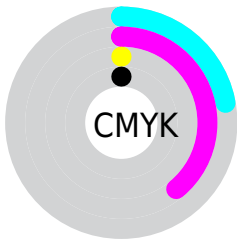
Distribution



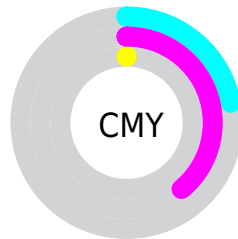
- Red (78%)
- Green (61%)
- Blue (100%)



- Red (78%)
- Yellow (61%)
- Blue (100%)



- Cyan (22%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.2570, 37.3413, 16.4376 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 179.2570, 37.3413, 16.4376 by changing the saturation by 10% instead.


 179.2570, 37.3413,
16.4376


 179.2570, 37.3413,
16.4376


255.0000, 0.0000,
0.0000


 152.3170, 36.3257,
15.5080


 228.5850, 13.0226,
23.1660


 125.4910, 35.7469,
14.4784

 245.0210, 4.9196,
8.7516

 99.5510, 34.7314,
13.5488

 75.1980, 33.4264,
12.1044

 50.0730, 32.9950,
10.4600

 25.6490, 32.7110,
8.2008

 11.0410, 28.0808,

-0.0360

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 179.2570, 37.3413,
16.4376

■ 179.2570, 37.3413,
16.4376

■ 160.0970, 46.7872,
20.0859

■ 198.4170, 27.8954,
12.7893

■ 140.6490, 56.3750,
24.8638

■ 217.8650, 18.3076,
8.0114

■ 121.4890, 65.8209,
28.5121

■ 237.6120, 8.5723,
3.8483

■ 102.0410, 75.4088,
33.2900

■ 255.0000, 0.0000,
0.0000

■ 82.2940, 85.1441,
37.4532

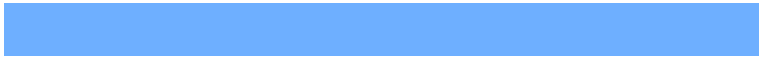
■ 63.4330, 94.4425,
41.7163

■ 61.9600, 95.1687,
42.1311

Harmonies

Analogous

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



164.6850, 44.5253, -47.9587



179.2570, 37.3413, 16.4376



178.5650, 16.9765, 61.7715

Triad

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



179.2570, 37.3413, 16.4376



172.0770, -46.8730, 54.3065



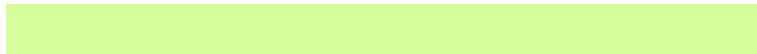
138.9460, 24.6766, -121.8556

Complementary

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



179.2570, 37.3413, 16.4376



230.7430, -37.3413, -16.4376

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.



146.6800, -5.2652, -84.7884



179.2570, 37.3413, 16.4376



168.4610, -49.5273, 18.8897

Square

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



179.2570, 37.3413, 16.4376



171.3070, -28.7454, 73.3988



161.9700, -34.9882, -24.5297



143.3580, 46.6585, -125.7250

Rectangle

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



179.2570, 37.3413, 16.4376



172.9610, 2.9772, 71.9482



161.9700, -34.9882, -24.5297



136.8940, 16.8143, -120.0560

Sweetspot

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



179.2570, 37.3413, 16.4376



231.7200, 11.4770, 5.5076



200.4460, 26.8951, -39.8561



114.1450, 6.8305, 2.5038



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.



179.2570, 37.3413, 16.4376



164.2280, 44.7506, 19.9710



193.9080, 30.1184, 46.5617



117.9770, 4.9413, 1.7742



46.2920, 71.3410, 31.3159



15.3690, 23.9751, 10.2004

Inverse Universe

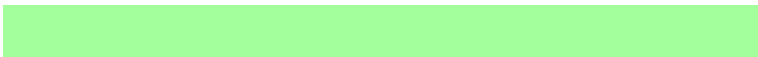
The Inverse Universe completely reimagines the original color for something new.



191.3980, 10.1568, 55.7790



178.6320, 12.0134, 66.9747



216.0920, -30.1184, -46.5617



119.6850, 1.1413, 7.2923



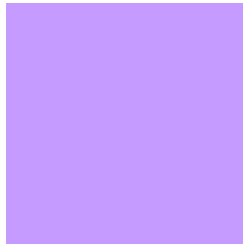
69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 179.2570, 37.3413, 16.4376 looks on a white background.

Color Contrast Check

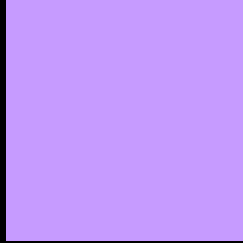
Large Text (above 18pt) WCAG AA × Fail

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 179.2570, 37.3413, 16.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

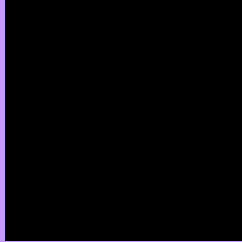
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.2570, 37.3413, 16.4376

Background



This preview shows how black text looks on a background with the YUV color 179.2570, 37.3413, 16.4376.



This preview shows how white text looks on a background with the YUV color 179.2570, 37.3413, 16.4376.

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

179.2570, 37.3413, 16.4376

Protanopia

173.9870, 39.9394, -23.6676

Deuteranopia

173.5200, 38.1976, -25.0120



Tritanopia

176.0810, 3.9041, 7.8220

Trichromacy



Original Color

179.2570, 37.3413, 16.4376



Protanomaly

176.1460, 38.8750, -8.8980



Deuteranomaly

175.2060, 37.8594, -9.8277

Tritanomaly

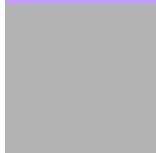
177.6050, 15.9707, 10.8704

Monochromacy



Original Color

179.2570, 37.3413, 16.4376



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0020, 13.8030, 6.1372

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.2570, 37.3413, 16.4376 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(198, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 155, 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(198, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 155, 255) }
```

Border

The CSS property to change the border of an element to YUV 179.2570, 37.3413, 16.4376 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(198, 155, 255) }
```


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

```
.border{ border-color:rgb(198, 155, 255) }
```

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

Here you see how a box with a 4 pixel rgb(198, 155, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 155,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 179.2570, 37.3413, 16.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 155, 255) }
```

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

```
.background{ background-color: rgb(198,  
155, 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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