

Converting Colors

YUV(179.2910, 32.3945,
16.4078)

Have a look what the booklet for
YUV(179.2910, 32.3945, 16.4078)
contains.

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Color

**YUV(179.2910, 32.3945,
16.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	C69DF5
RGB	198, 157, 245
RGB Percent	78%, 62%, 96%
CMY	0.2235, 0.3843, 0.0392
CMYK	0.19, 0.36, 0.00, 0.04
HSL	268°, 81%, 79%
HSV	268°, 36%, 96%
XYZ	51.8271, 42.7123, 91.8989
YIQ	179.2910, -3.8120, 36.0600

Conversions

Conversions Part 2

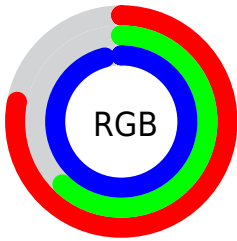
Format	Color
R _Y B	198, 157, 245
Decimal	13016565
CIE Lab	71.36, 31.94, -38.39
CIE LCh	71, 49.936, 309.758
Yxy	42.7123, 0.2780, 0.2291
Android (android.graphics.Color)	4291206645 (0xFFC69DF5)
YUV	179.2910, 32.3945, 16.4078
Hunter-Lab	65.3546, 27.1823, -37.6228

Details

The YUV color **179.2910, 32.3945, 16.4078** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **222.7090, -32.3945, -16.4078**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **125.8240, 30.6528, 15.0634** is the 20% darker color. If you saturate the color by 10%, you get **161.3160, 41.2562, 20.7709**, and if you desaturate by 10%, it is **197.8530, 23.2435, 11.5299**.

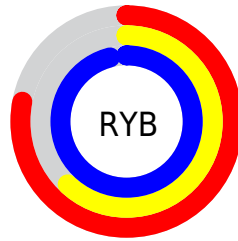
Distribution



Red (78%)

Green (62%)

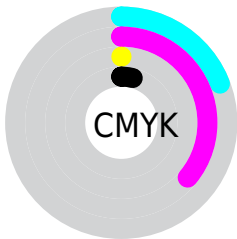
Blue (96%)



Red (78%)

Yellow (62%)

Blue (96%)

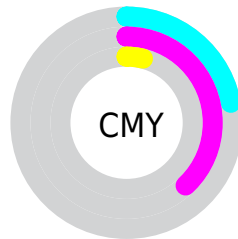


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (22%)


Magenta (38%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.2910, 32.3945, 16.4078 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 179.2910, 32.3945, 16.4078 by changing the saturation by 10% instead.


 179.2910, 32.3945,
16.4078


 179.2910, 32.3945,
16.4078


255.0000, 0.0000,
0.0000


 152.3510, 31.3790,
15.4782


 229.7590, 12.4438,
22.1364


 125.8240, 30.6528,
15.0634

 246.1950, 4.3409,
7.7220

 99.9980, 30.0740,
14.0338

 75.7590, 29.2058,
12.4894

 51.5200, 28.3376,
10.9450

 27.6940, 27.7589,
9.9154

 12.3360, 23.9914,

4.9673

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 179.2910, 32.3945,
16.4078

■ 179.2910, 32.3945,
16.4078

■ 161.3160, 41.2562,
20.7709

■ 197.8530, 23.2435,
11.5299

■ 142.7540, 50.4073,
25.6487

■ 215.8280, 14.3818,
7.1668

■ 124.7790, 59.2690,
30.0118

■ 234.3900, 5.2307,
2.2890

■ 106.2170, 68.4200,
34.8897

■ 252.3650, -3.6309,
-2.0741

■ 88.2420, 77.2817,
39.2528

■ 253.8600, -4.3680,
0.9998

■ 69.3810, 86.5802,
43.5159

■ 62.0160, 90.2111,
45.5900

Harmonies

Analogous

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



168.8820, 42.4562, -37.6075



179.2910, 32.3945, 16.4078



179.6090, 13.5038, 55.5939

Triad

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



179.2910, 32.3945, 16.4078



172.8250, -41.3257, 48.3885



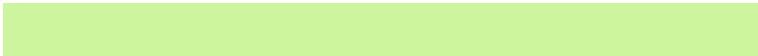
137.7720, 25.2554, -120.8260

Complementary

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



179.2910, 32.3945, 16.4078



222.7090, -32.3945, -16.4078

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.



152.7680, -5.3086, -70.8335



179.2910, 32.3945, 16.4078



169.4590, -43.1173, 16.2605

Square

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



179.2910, 32.3945, 16.4078



174.6270, -27.4241, 69.6101



163.8330, -30.4837, -22.6555



141.5000, 44.6165, -124.0955

Rectangle

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



179.2910, 32.3945, 16.4078



176.8420, 0.0779, 68.5446



163.8330, -30.4837, -22.6555



135.9480, 18.2666, -119.2264

Sweetspot

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



179.2910, 32.3945, 16.4078



234.0790, 10.3141, 5.1927



195.2080, 24.5475, -33.5084



115.3300, 6.2463, 3.2186



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.



179.2910, 32.3945, 16.4078



172.7890, 40.5300, 20.3560



192.1480, 26.0560, 42.8432



113.1620, 4.3571, 2.4889



47.2170, 68.4200, 34.8897



14.7990, 21.7911, 10.7003

Inverse Universe

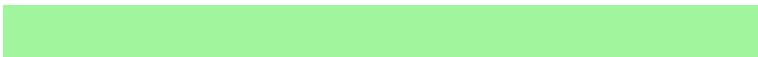
The Inverse Universe completely reimagines the original color for something new.



188.6700, 7.5577, 49.4014



184.6160, 9.5563, 61.7268



209.8520, -26.0560, -42.8432



114.3860, 1.2887, 6.6775



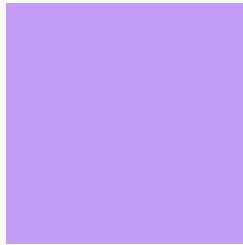
66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 179.2910, 32.3945, 16.4078 looks on a white background.

Color Contrast Check

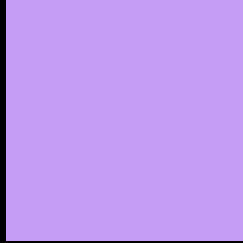
Large Text (above 18pt) WCAG AA × Fail

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 179.2910, 32.3945, 16.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

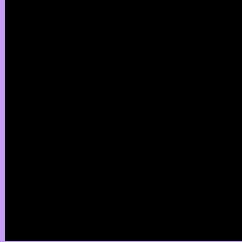
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.2910, 32.3945, 16.4078

Background



This preview shows how black text looks on a background with the YUV color 179.2910, 32.3945, 16.4078.



This preview shows how white text looks on a background with the YUV color 179.2910, 32.3945,

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

179.2910, 32.3945, 16.4078

Protanopia

174.2860, 39.7920, -23.0528

Deuteranopia

174.8860, 33.0872, -19.1940



Tritanopia

176.5650, 3.1725, 9.1515

Trichromacy



Original Color

179.2910, 32.3945, 16.4078

Protanomaly

176.2770, 36.8384, -9.0129

Deuteranomaly

176.2620, 32.9018, -6.3688

Tritanomaly

177.4480, 14.0761, 11.8851

Monochromacy



Original Color

179.2910, 32.3945, 16.4078

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1330, 11.7664, 6.0224

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.2910, 32.3945, 16.4078 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, 157, 245)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 245)  
}
```

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, 157, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 245) }
```

Border

The CSS property to change the border of an element to YUV 179.2910, 32.3945, 16.4078 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, 157, 245) }
```


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

```
.border{ border-color:rgb(198, 157, 245) }
```

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

Here you see how a box with a 4 pixel rgb(198, 157, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 245);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 179.2910, 32.3945, 16.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 245) }
```

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

```
.background{ background-color: rgb(198,  
157, 245) }
```

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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