

Converting Colors

YUV(184.9550, 28.6162,
14.9485)

Have a look what the booklet for
YUV(184.9550, 28.6162, 14.9485)
contains.

YUV(184.9550, 28.6162, 14.9485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(184.9550, 28.6162,
14.9485)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA5F3
RGB	202, 165, 243
RGB Percent	79%, 65%, 95%
CMY	0.2078, 0.3529, 0.0471
CMYK	0.17, 0.32, 0.00, 0.05
HSL	268°, 76%, 80%
HSV	268°, 32%, 95%
XYZ	53.9899, 45.9379, 90.8153
YIQ	184.9550, -2.9860, 32.1020

Conversions

Conversions Part 2

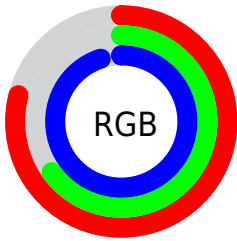
Format	Color
R _Y B	202, 165, 243
Decimal	13280755
CIE Lab	73.51, 28.29, -33.94
CIE LCh	74, 44.187, 309.812
Yxy	45.9379, 0.2831, 0.2408
Android (android.graphics.Color)	4291470835 (0xFFCAA5F3)
YUV	184.9550, 28.6162, 14.9485
Hunter-Lab	67.7775, 23.5782, -31.9987

Details

The YUV color **184.9550, 28.6162, 14.9485** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **223.0450, -28.6162, -14.9485**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **131.6020, 27.3112, 13.5040** is the 20% darker color. If you saturate the color by 10%, you get **166.9800, 37.4779, 19.3115**, and if you desaturate by 10%, it is **202.9300, 19.7545, 10.5854**.

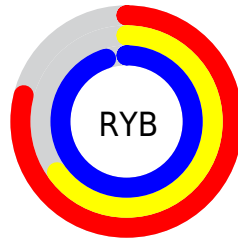
Distribution



Red (79%)

Green (65%)

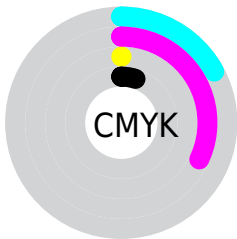
Blue (95%)



Red (79%)

Yellow (65%)

Blue (95%)

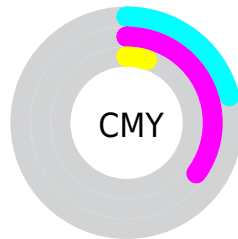


Cyan (17%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.9550, 28.6162, 14.9485 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 184.9550, 28.6162, 14.9485 by changing the saturation by 10% instead.

184.9550, 28.6162,
14.9485

184.9550, 28.6162,
14.9485

255.0000, 0.0000,
0.0000

157.4280, 27.8900,
14.5336

234.4550, 10.1287,
18.0180

131.6020, 27.3112,
13.5040

251.4780, 1.7363,
3.0888

105.6620, 26.2956,
12.5744

80.8360, 25.7169,
11.5448

56.8960, 24.7013,
10.6152

34.0700, 24.1225,
9.5856

13.3040, 22.5281,

7.6264

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 184.9550, 28.6162,
14.9485

■ 184.9550, 28.6162,
14.9485

■ 166.9800, 37.4779,
19.3115

■ 202.9300, 19.7545,
10.5854

■ 148.4180, 46.6289,
24.1894

■ 221.4920, 10.6034,
5.7075

■ 130.7420, 55.3432,
29.1673

■ 239.1680, 1.8892,
0.7297

■ 112.7670, 64.2049,
33.5303

■ 253.0340, -4.9468,
-0.0298

■ 94.2050, 73.3559,
38.4082

■ 253.6320, -5.2416,
1.1997

■ 76.2300, 82.2176,
42.7713

■ 62.0870, 89.1901,
46.4047

Harmonies

Analogous

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



176.8890, 38.5087, -31.4747



184.9550, 28.6162, 14.9485



185.4080, 11.6309, 49.6312

Triad

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



184.9550, 28.6162, 14.9485



179.6440, -36.7995, 43.2852



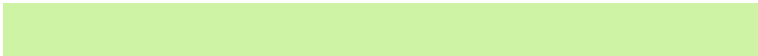
140.5760, 25.8450, -123.2852

Complementary

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



184.9550, 28.6162, 14.9485



223.0450, -28.6162, -14.9485

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.



163.3180, -6.0728, -59.0379



184.9550, 28.6162, 14.9485



175.8270, -37.8757, 15.0607

Square

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



184.9550, 28.6162, 14.9485



181.5660, -24.9290, 62.6476



171.1800, -26.7107, -19.4519



143.7340, 43.0221, -126.0547

Rectangle

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



184.9550, 28.6162, 14.9485



183.8690, -0.9214, 62.3819



171.1800, -26.7107, -19.4519



152.7340, 12.9491, -93.6057

Sweetspot

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



184.9550, 28.6162, 14.9485



236.4380, 9.1511, 4.8779



198.5460, 21.9158, -29.4198



115.9170, 5.9569, 2.7038



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.



184.9550, 28.6162, 14.9485



181.3390, 36.3149, 18.9967



196.3170, 23.0147, 38.3100



113.1620, 4.3571, 2.4889



47.5160, 68.2726, 35.5045



15.0980, 21.6437, 11.3151

Inverse Universe

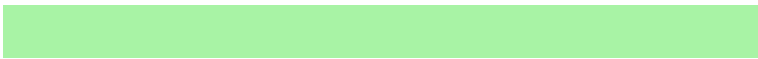
The Inverse Universe completely reimagines the original color for something new.



192.9960, 6.4110, 43.8535



191.5290, 8.1202, 55.6641



211.6830, -23.0147, -38.3100



114.3860, 1.2887, 6.6775



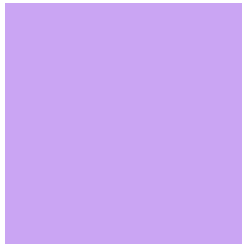
66.7860, 15.3885, 104.5507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 184.9550, 28.6162, 14.9485 looks on a white background.

Color Contrast Check

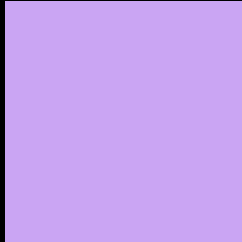
Large Text (above 18pt) WCAG AA × Fail

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 184.9550, 28.6162, 14.9485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

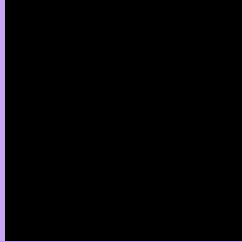
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.9550, 28.6162, 14.9485

Background



This preview shows how black text looks on a background with the YUV color 184.9550, 28.6162, 14.9485.



This preview shows how white text looks on a background with the YUV color 184.9550, 28.6162, 14.9485.

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

184.9550, 28.6162, 14.9485

Protanopia

180.5700, 35.7080, -19.7939

Deuteranopia

181.1810, 28.9978, -14.1907



Tritanopia

182.5650, 3.1725, 9.1515

Trichromacy



Original Color

184.9550, 28.6162, 14.9485

Protanomaly

181.9630, 33.0492, -6.9836

Deuteranomaly

182.2470, 28.9652, -3.7246

Tritanomaly

183.3940, 12.6238, 11.0555

Monochromacy



Original Color

184.9550, 28.6162, 14.9485

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0790, 10.3141, 5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.9550, 28.6162, 14.9485 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, 165, 243)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 243)  
}
```

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, 165, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 243) }
```

Border

The CSS property to change the border of an element to YUV 184.9550, 28.6162, 14.9485 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, 165, 243) }
```


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

```
.border{ border-color:rgb(202, 165, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 165, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 165, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 165, 243);  
box-shadow:4px 4px 4px 4px rgb(202, 165,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 184.9550, 28.6162, 14.9485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 165, 243) }
```

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

```
.background{ background-color: rgb(202,  
165, 243) }
```

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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