

# Converting Colors

YUV(135.9310, 28.6280,  
57.9425)

Have a look what the booklet for  
YUV(135.9310, 28.6280, 57.9425)  
contains.

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# Color

**YUV(135.9310, 28.6280,  
57.9425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA5BC2
RGB	202, 91, 194
RGB Percent	79%, 36%, 76%
CMY	0.2078, 0.6431, 0.2392
CMYK	0.00, 0.55, 0.04, 0.21
HSL	304°, 51%, 57%
HSV	304°, 55%, 79%
XYZ	37.8358, 23.9338, 53.6644
YIQ	135.9310, 33.0930, 55.5650

# Conversions

## Conversions Part 2

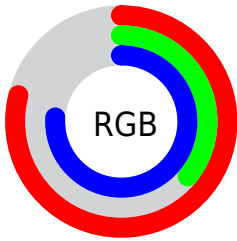
Format	Color
R <sub>Y</sub> B	202, 91, 194
Decimal	13261762
CIE Lab	56.02, 57.37, -33.81
CIE LCh	56, 66.593, 329.492
Yxy	23.9338, 0.3278, 0.2073
Android (android.graphics.Color)	4291451842 (0xFFCA5BC2)
YUV	135.9310, 28.6280, 57.9425
Hunter-Lab	48.9222, 52.4360, -30.7918

# Details

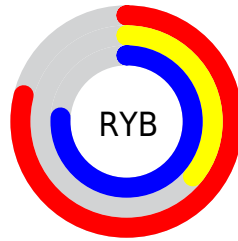
The YUV color **135.9310, 28.6280, 57.9425** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **157.0690, -28.6280, -57.9425**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5610, 29.7964, 56.5130**, and **78.6860, 30.2278, 58.1574** is the 20% darker color. If you saturate the color by 10%, you get **124.0770, 33.9790, 68.3385**, and if you desaturate by 10%, it is **147.7850, 23.2770, 47.5466**.

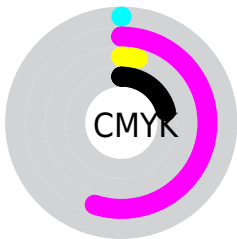
# Distribution



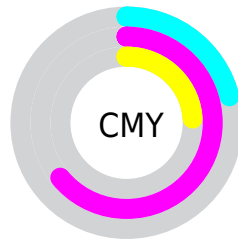
- Red (79%)
- Green (36%)
- Blue (76%)



- Red (79%)
- Yellow (36%)
- Blue (76%)



- Cyan (0%)
- Magenta (55%)
- Yellow (4%)
- Black (21%)




- Cyan (21%)
- Magenta (64%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 135.9310, 28.6280, 57.9425 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 135.9310, 28.6280, 57.9425 by changing the saturation by 10% instead.





 135.9310, 28.6280,  
57.9425


 135.9310, 28.6280,  
57.9425


255.0000, 0.0000,  
0.0000


 107.7460, 29.2122,  
57.2278


 190.5610, 29.7964,  
56.5130


 78.6860, 30.2278,  
58.1574


 207.4530, 23.4407,  
41.6987


 48.2780, 32.4009,  
61.1462

 223.8890, 15.3377,  
27.2843

 37.3550, 25.4610,  
47.0467

 241.4990, 6.6560,  
11.8404

 26.5460, 18.9578,  
32.8472

 16.8620, 12.8860,  
20.2920

 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 135.9310, 28.6280,  
57.9425

■ 135.9310, 28.6280,  
57.9425

■ 124.0770, 33.9790,  
68.3385

■ 147.7850, 23.2770,  
47.5466

■ 112.1090, 38.8933,  
78.8344

■ 159.7530, 18.3628,  
37.0506

■ 99.6680, 44.5337,  
89.7452

■ 172.1940, 12.7224,  
26.1399

■ 87.7000, 49.4479,  
100.2411

■ 184.1620, 7.8081,  
15.6439

■ 81.7160, 51.9050,  
105.4891

■ 196.0160, 2.4571,  
5.2480

■ 207.9840, -2.4571,  
-5.2480

■ 219.8380, -7.8081,  
-15.6439

■ 232.3930,  
-13.0117, -26.6547

■ 233.6810,  
-13.1537, -27.7842

# Harmonies

## Analogous

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



135.3280, 49.6313, -5.5497



135.9310, 28.6280, 57.9425



127.9620, 4.9487, 92.9953

# Triad

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



135.9310, 28.6280, 57.9425



125.3350, -61.7902, 32.1552



115.5800, 36.6891, -101.3637

# Complementary

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



135.9310, 28.6280, 57.9425



157.0690, -28.6280, -57.9425

# 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.



108.9680, 11.3548, -95.5649



135.9310, 28.6280, 57.9425



118.1830, -54.8132, -12.4385

# Square

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



135.9310, 28.6280, 57.9425



128.1820, -49.3897, 68.2464



99.7800, -13.6955, -87.5071



117.6610, 57.3551, -103.1887



# Rectangle

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



135.9310, 28.6280, 57.9425



126.4620, -13.5388, 96.0648



99.7800, -13.6955, -87.5071



114.0010, 28.1005, -99.9789

# Sweetspot

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



135.9310, 28.6280, 57.9425



230.5910, 10.5546, 21.4067



105.7470, 47.4527, -6.7941



113.0970, 6.3612, 13.0699



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.



135.9310, 28.6280, 57.9425



155.0160, 43.3761, 87.6860



129.6610, 4.6041, 63.4413



96.0160, 2.4571, 5.2480



67.1900, 42.7973, 86.6564



15.3520, 9.6865, 19.8623



# Inverse Universe

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



135.9310, 28.6280, 57.9425



155.0160, 43.3761, 87.6860



163.3390, -4.6041, -63.4413



96.0160, 2.4571, 5.2480



67.1900, 42.7973, 86.6564

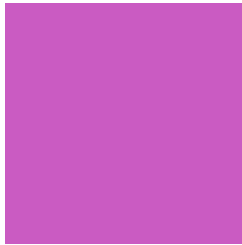


15.3520, 9.6865, 19.8623



# Previews

## White Background



This preview shows how the YUV color 135.9310, 28.6280, 57.9425 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

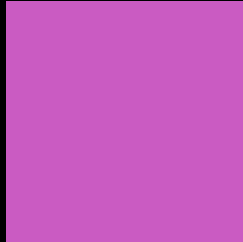
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.9310, 28.6280, 57.9425 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

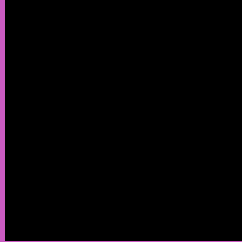
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.9310, 28.6280, 57.9425

## Background



This preview shows how black text looks on a background with the YUV color 135.9310, 28.6280, 57.9425.



This preview shows how white text looks on a background with the YUV color 135.9310, 28.6280,

57.9425.

# 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

135.9310, 28.6280, 57.9425

### Protanopia

131.3970, 48.1183, -33.6742

### Deuteranopia

134.3720, 25.9456, -15.2352



## Tritanopia

135.7290, -8.7404, 50.2267

# Trichromacy



## Original Color

135.9310, 28.6280, 57.9425

## Protanomaly

133.0700, 40.8845, -0.0614

## Deuteranomaly

135.1780, 27.0272, 11.2449

## Tritanomaly

135.7090, 5.0735, 52.8752

# Monochromacy



## Original Color

135.9310, 28.6280, 57.9425

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.1780, 10.2652, 20.8919

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.9310, 28.6280, 57.9425 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, 91, 194)` looks like.

```
.text, #text, p{  
    color:rgb(202, 91, 194)  
}
```

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, 91, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 91, 194) }
```

## Border

The CSS property to change the border of an element to YUV 135.9310, 28.6280, 57.9425 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, 91, 194) }
```



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

```
.border{ border-color:rgb(202, 91, 194) }
```

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

Here you see how a box with a 4 pixel rgb(202, 91, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 91, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 91, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 91,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 135.9310, 28.6280, 57.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 91, 194) }
```

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

```
.background{ background-color: rgb(202, 91,  
194) }
```

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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