

# Converting Colors

YUV(181.0420, 13.2903,  
30.6582)

Have a look what the booklet for  
YUV(181.0420, 13.2903, 30.6582)  
contains.

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# Color

**YUV(181.0420, 13.2903,  
30.6582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D89ED0
RGB	216, 158, 208
RGB Percent	85%, 62%, 82%
CMY	0.1529, 0.3804, 0.1843
CMYK	0.00, 0.27, 0.04, 0.15
HSL	308°, 43%, 73%
HSV	308°, 27%, 85%
XYZ	51.9309, 43.6067, 65.3544
YIQ	181.0420, 18.5180, 27.8460

# Conversions

## Conversions Part 2

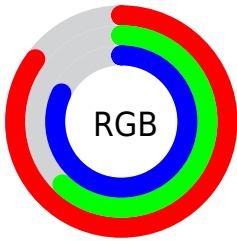
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	216, 158, 208
Decimal	14196432
CIE <sub>Lab</sub>	71.96, 29.60, -17.04
CIE <sub>LCh</sub>	72, 34.155, 330.065
Yxy	43.6067, 0.3228, 0.2710
Android (android.graphics.Color)	4292386512 (0xFFD89ED0)
YUV	181.0420, 13.2903, 30.6582
Hunter-Lab	66.0354, 24.8124, -12.4538

# Details

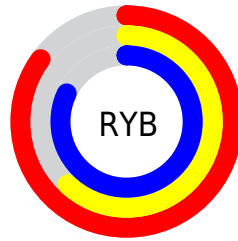
The YUV color **181.0420, 13.2903, 30.6582** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.9580, -13.2903, -30.6582**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **127.6180, 13.0063, 28.3990** is the 20% darker color. If you saturate the color by 10%, you get **167.7860, 18.3465, 42.2837**, and if you desaturate by 10%, it is **194.2980, 8.2341, 19.0327**.

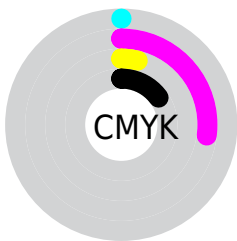
# Distribution



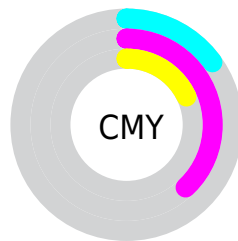
- Red (85%)
- Green (62%)
- Blue (82%)



- Red (85%)
- Yellow (62%)
- Blue (82%)



- Cyan (0%)
- Magenta (27%)
- Yellow (4%)
- Black (15%)




- Cyan (15%)
- Magenta (38%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 181.0420, 13.2903, 30.6582 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 181.0420, 13.2903, 30.6582 by changing the saturation by 10% instead.





 181.0420, 13.2903,  
30.6582

 181.0420, 13.2903,  
30.6582


255.0000, 0.0000,  
0.0000


 154.2160, 12.7115,  
29.6286


 230.3460, 12.1544,  
21.6216


 127.6180, 13.0063,  
28.3990

 247.3690, 3.7621,  
6.6924

 102.2050, 12.7169,  
27.8842

 77.3790, 12.1382,  
26.8546

 53.6670, 11.9962,  
25.7250

 29.4820, 12.5804,  
25.0103

 15.2380, 9.2497,

19.9623

■ 0.9120, 3.4944,  
-0.7998

■ 0.0000, 0.0000,  
0.0000

■ 181.0420, 13.2903,  
30.6582

■ 181.0420, 13.2903,  
30.6582

■ 167.7860, 18.3465,  
42.2837

■ 194.2980, 8.2341,  
19.0327

■ 155.1170, 23.1133,  
53.3944

■ 206.9670, 3.4673,  
7.9219

■ 141.8610, 28.1695,  
65.0199

■ 220.2230, -1.5889,  
-3.7036

■ 129.1920, 32.9363,  
76.1306

■ 232.8920, -6.3558,  
-14.8143

■ 115.9360, 37.9926,  
87.7561

■ 239.6910, -8.2287,  
-20.7770

■ 102.6800, 43.0488,  
99.3816

■ 240.0330, -6.9183,  
-21.0769

■ 90.0110, 47.8156,  
110.4924

■ 240.3750, -5.6079,  
-21.3769

■ 85.7880, 49.4045,  
114.1959

■ 240.7170, -4.2975,  
-21.6768

■ 241.0590, -2.9871,  
-21.9767

# Harmonies

## Analogous

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



178.6560, 25.3126, 1.1787



181.0420, 13.2903, 30.6582



180.3680, -1.1674, 47.9123

# Triad

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



181.0420, 13.2903, 30.6582



174.3360, -29.7456, 20.7533



156.9220, 24.6885, -78.8616

# Complementary

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



181.0420, 13.2903, 30.6582



192.9580, -13.2903, -30.6582

# 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.



160.4500, 7.1732, -60.9076



181.0420, 13.2903, 30.6582



171.2510, -24.2807, -5.4821

# Square

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



181.0420, 13.2903, 30.6582



176.9670, -26.6057, 40.3709



166.2180, -10.9535, -33.5172



162.5890, 33.2336, -66.2916



# Rectangle

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



181.0420, 13.2903, 30.6582



179.3440, -11.5086, 51.4413



166.2180, -10.9535, -33.5172



157.2770, 19.5834, -74.7879

# Sweetspot

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



181.0420, 13.2903, 30.6582



242.9180, 4.4774, 10.5959



167.0040, 24.1550, -0.8805



120.1410, 2.8885, 6.8923



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.



181.0420, 13.2903, 30.6582



205.6120, 18.9253, 43.3133



177.7360, 0.6232, 33.5575



100.4290, 2.7465, 5.7628



67.8870, 39.0027, 90.4301



17.0750, 9.8230, 22.7362



# Inverse Universe

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



181.0420, 13.2903, 30.6582



205.6120, 18.9253, 43.3133



196.2640, -0.6232, -33.5575



100.4290, 2.7465, 5.7628



67.8870, 39.0027, 90.4301

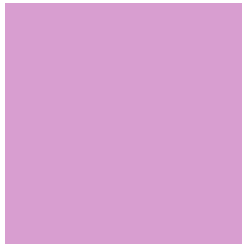


17.0750, 9.8230, 22.7362



# Previews

## White Background



This preview shows how the YUV color 181.0420, 13.2903, 30.6582 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 181.0420, 13.2903, 30.6582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

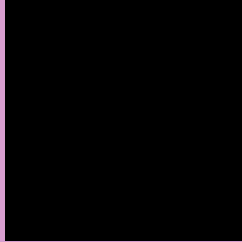
Any Text WCAG AA ✓ Pass

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 181.0420, 13.2903, 30.6582 Background



This preview shows how black text looks on a background with the YUV color 181.0420, 13.2903, 30.6582.



This preview shows how white text looks on a background with the YUV color 181.0420, 13.2903,



# 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

181.0420, 13.2903, 30.6582

### Protanopia

177.4390, 20.9826, -10.0320

### Deuteranopia

178.1540, 13.2351, 1.6189



## Tritanopia

179.7200, -1.8340, 28.3096

# Trichromacy



## Original Color

181.0420, 13.2903, 30.6582

## Protanomaly

178.8430, 18.3184, 4.5227

## Deuteranomaly

179.2200, 13.2025, 12.0851

## Tritanomaly

180.2130, 3.8390, 28.7542

# Monochromacy



## Original Color

181.0420, 13.2903, 30.6582

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

181.3310, 4.7668, 11.1107

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.0420, 13.2903, 30.6582 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(216, 158, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 158, 208)  
}
```

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(216, 158, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 158, 208) }
```

## Border

The CSS property to change the border of an element to YUV 181.0420, 13.2903, 30.6582 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(216, 158, 208) }
```



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

```
.border{ border-color:rgb(216, 158, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 158, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 158, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 158, 208);  
box-shadow:4px 4px 4px 4px rgb(216, 158,  
208) }
```

# Background

The CSS property to change the background color of an element to YUV 181.0420, 13.2903, 30.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 158, 208) }
```

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

```
.background{ background-color: rgb(216,  
158, 208) }
```

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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