

# Converting Colors

YUV(176.9450, 30.5931,  
34.2512)

Have a look what the booklet for  
YUV(176.9450, 30.5931, 34.2512)  
contains.

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# Color

**YUV(176.9450, 30.5931,  
34.2512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D891EF
RGB	216, 145, 239
RGB Percent	85%, 57%, 94%
CMY	0.1529, 0.4314, 0.0627
CMYK	0.10, 0.39, 0.00, 0.06
HSL	285°, 75%, 75%
HSV	285°, 39%, 94%
XYZ	54.0243, 41.0817, 86.7435
YIQ	176.9450, 12.1420, 44.2860

# Conversions

## Conversions Part 2

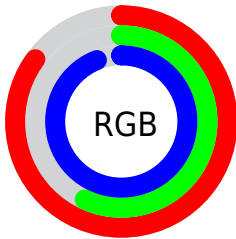
Format	Color
R <sub>Y</sub> B	216, 145, 239
Decimal	14193135
CIE Lab	70.23, 42.48, -36.73
CIE LCh	70, 56.158, 319.156
Yxy	41.0817, 0.2971, 0.2259
Android (android.graphics.Color)	4292383215 (0xFFD891EF)
YUV	176.9450, 30.5931, 34.2512
Hunter-Lab	64.0950, 38.2874, -35.3741

# Details

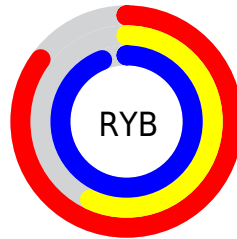
The YUV color **176.9450, 30.5931, 34.2512** is a light color, and the websafe version is hex **CC99FF**, and the color name is **bright lilac**. A complement of this color would be **207.0550, -30.5931, -34.2512**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7150, 15.9165, 28.3139**, and **123.2930, 29.4356, 32.1920** is the 20% darker color. If you saturate the color by 10%, you get **161.0630, 38.4229, 42.9177**, and if you desaturate by 10%, it is **192.8270, 22.7633, 25.5847**.

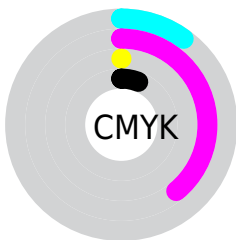
# Distribution



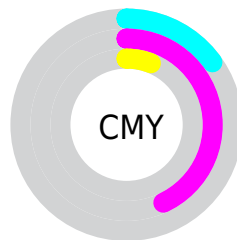
- Red (85%)
- Green (57%)
- Blue (94%)



- Red (85%)
- Yellow (57%)
- Blue (94%)



- Cyan (10%)
- Magenta (39%)
- Yellow (0%)
- Black (6%)




- Cyan (15%)
- Magenta (43%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.9450, 30.5931, 34.2512 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 176.9450, 30.5931, 34.2512 by changing the saturation by 10% instead.





 176.9450, 30.5931,  
34.2512

 176.9450, 30.5931,  
34.2512

255.0000, 0.0000,  
0.0000


 150.0050, 29.5775,  
33.3216


 222.7150, 15.9165,  
28.3139


 123.2930, 29.4356,  
32.1920

 239.7380, 7.5242,  
13.3848

 96.5810, 29.2936,  
31.0625

 71.0540, 28.5674,  
30.6476

 44.5810, 29.2936,  
31.0625

 25.4510, 26.3997,  
25.9145

 16.5500, 19.4489,

15.3036

■ 4.9360, 13.8356,  
-4.3289

■ 0.6840, 2.6208,  
-0.5999

■ 176.9450, 30.5931,  
34.2512

■ 176.9450, 30.5931,  
34.2512

■ 161.0630, 38.4229,  
42.9177

■ 192.8270, 22.7633,  
25.5847

■ 145.1810, 46.2528,  
51.5843

■ 208.7090, 14.9335,  
16.9182

■ 129.2990, 54.0826,  
60.2508

■ 224.5910, 7.1036,  
8.2517

■ 113.7160, 61.7650,  
69.5321

■ 240.1740, -0.5788,  
-1.0296

■ 97.8340, 69.5948,  
78.1986

■ 250.1860, -5.5147,  
-4.5481

■ 82.5390, 77.1353,  
86.3503

■ 251.9800, -6.3991,  
-0.8595

■ 81.3650, 77.7141,  
87.3799

■ 253.1760, -6.9888,  
1.5996

# Harmonies

## Analogous

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



169.2690, 42.2654, -23.0379



176.9450, 30.5931, 34.2512



173.8560, 8.9450, 71.1633

# Triad

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



176.9450, 30.5931, 34.2512



167.4300, -49.0190, 42.5959



138.8950, 32.0968, -121.8109

# Complementary

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



176.9450, 30.5931, 34.2512



207.0550, -30.5931, -34.2512

# 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.



132.2660, 9.2359, -115.9973



176.9450, 30.5931, 34.2512



163.5840, -46.1369, 4.7498

# Square

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



176.9450, 30.5931, 34.2512



169.9340, -36.4495, 71.0949



155.7490, -26.4983, -40.9989



141.5630, 52.4734, -124.1508



# Rectangle

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



176.9450, 30.5931, 34.2512



168.8060, -5.3274, 75.5921



155.7490, -26.4983, -40.9989



136.8430, 24.2344, -120.0113

# Sweetspot

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



176.9450, 30.5931, 34.2512



234.7100, 10.0030, 11.6553



169.8040, 34.1136, -21.7531



115.9390, 5.9461, 6.1925



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.



176.9450, 30.5931, 34.2512



175.8890, 39.0017, 43.9473



181.0860, 16.7196, 50.7906



112.0590, 3.9149, 4.3333



62.5370, 59.8813, 67.0581



18.9420, 18.2696, 20.2219



# Inverse Universe

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



175.7280, -3.8099, 55.4895



174.1860, -5.0217, 70.8739



202.9140, -16.7196, -50.7906



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200

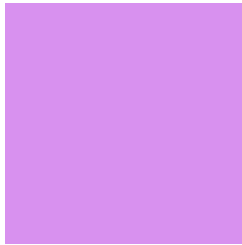


18.3400, -2.1396, 33.0278



# Previews

## White Background



This preview shows how the YUV color 176.9450, 30.5931, 34.2512 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 176.9450, 30.5931, 34.2512 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

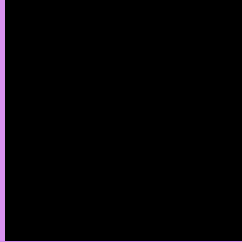
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 176.9450, 30.5931, 34.2512

## Background



This preview shows how black text looks on a background with the YUV color 176.9450, 30.5931, 34.2512.



This preview shows how white text looks on a background with the YUV color 176.9450, 30.5931, 34.2512.



# 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

176.9450, 30.5931, 34.2512

### Protanopia

171.0300, 41.3972, -24.5823

### Deuteranopia

172.2130, 30.4610, -16.8498



## Tritanopia

174.5350, -1.2498, 27.5948

# Trichromacy



## Original Color

176.9450, 30.5931, 34.2512



## Protanomaly

173.1360, 37.4010, -2.7503



## Deuteranomaly

174.0350, 30.5487, 1.7233



## Tritanomaly

175.5320, 10.0907, 30.2284

# Monochromacy



## Original Color

176.9450, 30.5931, 34.2512



## Achromatopsia

177.0000, 0.0000, 0.0000



## Achromatomaly

176.7640, 11.4553, 12.4850

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.9450, 30.5931, 34.2512 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, 145, 239)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 239)  
}
```

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, 145, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 239) }
```

## Border

The CSS property to change the border of an element to YUV 176.9450, 30.5931, 34.2512 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, 145, 239) }
```



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

```
.border{ border-color:rgb(216, 145, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 239);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 176.9450, 30.5931, 34.2512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 239) }
```

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

```
.background{ background-color: rgb(216,  
145, 239) }
```

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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