

# Converting Colors

YUV(179.5470, 34.2403,  
31.0923)

Have a look what the booklet for  
YUV(179.5470, 34.2403, 31.0923)  
contains.

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# Color

**YUV(179.5470, 34.2403,  
31.0923)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D794F9
RGB	215, 148, 249
RGB Percent	84%, 58%, 98%
CMY	0.1569, 0.4196, 0.0235
CMYK	0.14, 0.41, 0.00, 0.02
HSL	280°, 89%, 78%
HSV	280°, 41%, 98%
XYZ	55.7131, 42.4664, 94.8830
YIQ	179.5470, 7.5110, 45.6150

# Conversions

## Conversions Part 2

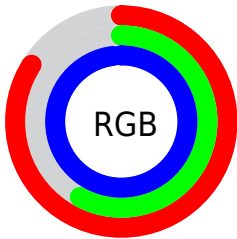
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 148, 249
Decimal	14128377
CIE Lab	71.19, 42.62, -40.70
CIE LCh	71, 58.937, 316.322
Yxy	42.4664, 0.2886, 0.2200
Android (android.graphics.Color)	4292318457 (0xFFD794F9)
YUV	179.5470, 34.2403, 31.0923
Hunter-Lab	65.1663, 38.5654, -40.7106

# Details

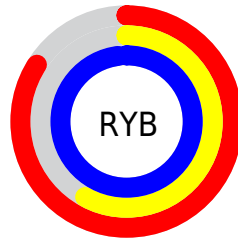
The YUV color **179.5470, 34.2403, 31.0923** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **217.4530, -34.2403, -31.0923**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4760, 15.0483, 26.7695**, and **125.7810, 32.6460, 29.1331** is the 20% darker color. If you saturate the color by 10%, you get **162.4800, 42.6544, 39.0440**, and if you desaturate by 10%, it is **196.6140, 25.8263, 23.1405**.

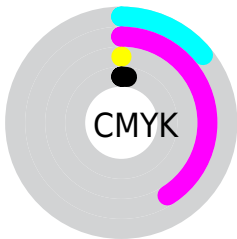
# Distribution



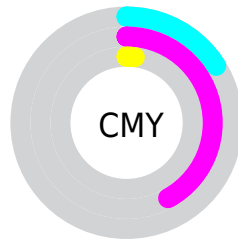
- Red (84%)
- Green (58%)
- Blue (98%)



- Red (84%)
- Yellow (58%)
- Blue (98%)



- Cyan (14%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)




- Cyan (16%)
- Magenta (42%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 179.5470, 34.2403, 31.0923 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 179.5470, 34.2403, 31.0923 by changing the saturation by 10% instead.





 179.5470, 34.2403,  
31.0923

 179.5470, 34.2403,  
31.0923


255.0000, 0.0000,  
0.0000


 151.7210, 33.6615,  
30.0627


 224.4760, 15.0483,  
26.7695


 125.7810, 32.6460,  
29.1331

 241.4990, 6.6560,  
11.8404

 99.0690, 32.5040,  
28.0035

 74.1290, 31.4884,  
27.0739

 47.8300, 31.6358,  
26.4591

 25.7650, 30.1889,  
23.8851

 16.4510, 22.9487,

12.7595

■ 4.5600, 17.4719,  
-3.9991

■ 2.6390, 7.5730,  
-2.3144

■ 179.5470, 34.2403,  
31.0923

■ 179.5470, 34.2403,  
31.0923

■ 162.4800, 42.6544,  
39.0440

■ 196.6140, 25.8263,  
23.1405

■ 145.1140, 51.2158,  
46.3810

■ 213.9800, 17.2649,  
15.8035

■ 128.0470, 59.6298,  
54.3328

■ 231.0470, 8.8508,  
7.8518

■ 110.6810, 68.1913,  
61.6698

■ 248.4130, 0.2894,  
0.5148

■ 93.6140, 76.6053,  
69.6215

■ 254.3160, -2.6208,  
0.5999

■ 77.7210, 84.4405,  
76.5437

# Harmonies

## Analogous

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



168.6270, 42.5819, -31.2449



179.5470, 34.2403, 31.0923



175.4690, 12.5868, 69.7487

# Triad

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



179.5470, 34.2403, 31.0923



170.4800, -51.5086, 47.8140



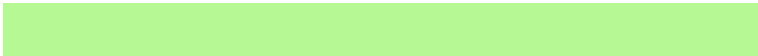
141.1290, 30.5024, -123.7701

# Complementary

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



179.5470, 34.2403, 31.0923



217.4530, -34.2403, -31.0923

# 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.



133.5710, 6.6205, -117.1418



179.5470, 34.2403, 31.0923



166.1670, -50.3683, 8.6235

# Square

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



179.5470, 34.2403, 31.0923



170.8850, -35.4393, 73.7689



158.4350, -30.2875, -38.9695



144.2530, 52.6263, -126.5099



# Rectangle

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



179.5470, 34.2403, 31.0923



169.0170, -1.9804, 75.4071



158.4350, -30.2875, -38.9695



138.9630, 22.2032, -121.8706

# Sweetspot

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



179.5470, 34.2403, 31.0923



233.8130, 10.4452, 9.8110



180.0590, 33.9879, -28.1157



115.3410, 6.2409, 4.9629



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.



179.5470, 34.2403, 31.0923



169.0670, 42.3650, 38.5292



188.0030, 22.6765, 53.4944



116.1730, 4.3517, 4.2333



58.9210, 64.1289, 57.9513



19.2130, 20.6010, 19.1072



# Inverse Universe

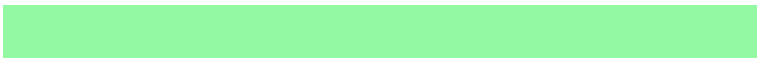
The Inverse Universe completely reimagines the original color for something new.



182.0750, -0.0370, 58.6932



172.1630, -0.0804, 72.6480



208.9970, -22.6765, -53.4944



116.4570, 0.2677, 7.4922



63.8070, 0.0951, 109.7943

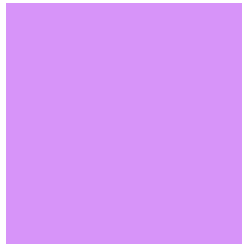


20.6330, 0.1809, 35.4019



# Previews

## White Background



This preview shows how the YUV color 179.5470, 34.2403, 31.0923 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

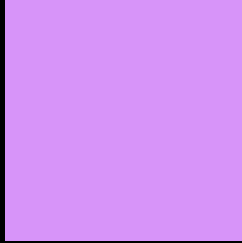
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.5470, 34.2403, 31.0923 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

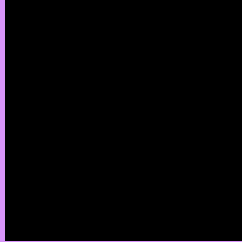
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 179.5470, 34.2403, 31.0923

## Background



This preview shows how black text looks on a background with the YUV color 179.5470, 34.2403, 31.0923.



This preview shows how white text looks on a background with the YUV color 179.5470, 34.2403,



# 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

179.5470, 34.2403, 31.0923

### Protanopia

173.6880, 40.0868, -24.2824

### Deuteranopia

174.2170, 34.4030, -21.2383



## Tritanopia

177.3280, -0.6547, 23.3913

# Trichromacy



## Original Color

179.5470, 34.2403, 31.0923



## Protanomaly

175.6520, 38.1326, -4.0798



## Deuteranomaly

176.3380, 34.3434, -2.0504



## Tritanomaly

178.0800, 12.2856, 26.2398

# Monochromacy



## Original Color

179.5470, 34.2403, 31.0923



## Achromatopsia

180.0000, 0.0000, 0.0000



## Achromatomaly

179.6930, 12.4764, 11.6702

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.5470, 34.2403, 31.0923 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(215, 148, 249)` looks like.

```
.text, #text, p{  
    color:rgb(215, 148, 249)  
}
```

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(215, 148, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 148, 249) }
```

## Border

The CSS property to change the border of an element to YUV 179.5470, 34.2403, 31.0923 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(215, 148, 249) }
```



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

```
.border{ border-color:rgb(215, 148, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 148, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 148, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 148, 249);  
box-shadow:4px 4px 4px 4px rgb(215, 148,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 179.5470, 34.2403, 31.0923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 148, 249) }
```

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

```
.background{ background-color: rgb(215,  
148, 249) }
```

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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