

Converting Colors

YUV(179.5180, 34.7476, 8.3157)

Have a look what the booklet for
YUV(179.5180, 34.7476, 8.3157)
contains.

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Color

**YUV(179.5180, 34.7476,
8.3157)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA1FA
RGB	189, 161, 250
RGB Percent	74%, 63%, 98%
CMY	0.2588, 0.3686, 0.0196
CMYK	0.24, 0.36, 0.00, 0.02
HSL	259°, 90%, 81%
HSV	259°, 36%, 98%
XYZ	50.9865, 43.2107, 96.0957
YIQ	179.5180, -11.8810, 33.6150

Conversions

Conversions Part 2

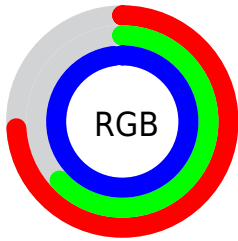
Format	Color
R _Y B	189, 161, 250
Decimal	12427770
CIE _{Lab}	71.70, 28.26, -40.64
CIE _{LCh}	72, 49.498, 304.811
Y _{xy}	43.2107, 0.2679, 0.2271
Android (android.graphics.Color)	4290617850 (0xFFBDA1FA)
Y _{UV}	179.5180, 34.7476, 8.3157
Hunter-Lab	65.7348, 23.4155, -40.6598

Details

The YUV color **179.5180, 34.7476, 8.3157** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **231.4820, -34.7476, -8.3157**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7150, 12.4655, 15.1589**, and **126.0510, 33.0059, 6.9713** is the 20% darker color. If you saturate the color by 10%, you get **159.7600, 44.4883, 10.7345**, and if you desaturate by 10%, it is **199.2760, 25.0069, 5.8969**.

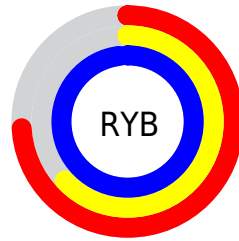
Distribution



Red (74%)

Green (63%)

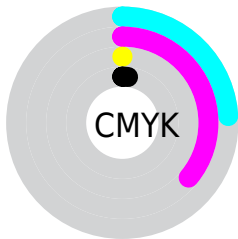
Blue (98%)



Red (74%)

Yellow (63%)

Blue (98%)

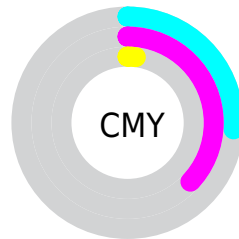


Cyan (24%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (37%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.5180, 34.7476, 8.3157 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 179.5180, 34.7476, 8.3157 by changing the saturation by 10% instead.

■ 179.5180, 34.7476,
8.3157

■ 179.5180, 34.7476,
8.3157

255.0000, 0.0000,
0.0000

■ 152.5780, 33.7320,
7.3861

■ 229.7150, 12.4655,
15.1589

■ 126.0510, 33.0059,
6.9713

■ 249.1300, 2.8939,
5.1480

■ 100.8120, 32.1377,
5.4269

■ 75.8720, 31.1221,
4.4973

■ 52.2200, 29.9645,
2.4381

■ 28.3830, 29.3912,
-0.3359

■ 8.1930, 27.5129,

-4.5543

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 179.5180, 34.7476,
8.3157

■ 179.5180, 34.7476,
8.3157

■ 159.7600, 44.4883,
10.7345

■ 199.2760, 25.0069,
5.8969

■ 140.0020, 54.2290,
13.1532

■ 219.0340, 15.2662,
3.4782

■ 120.2440, 63.9697,
15.5720

■ 238.7920, 5.5255,
1.0594

■ 100.1870, 73.8578,
17.3760

■ 254.4300, -2.1840,
0.4999

■ 80.4290, 83.5985,
19.7948

■ 60.6710, 93.3392,
22.2135

■ 52.1210, 97.5543,
23.5729

Harmonies

Analogous

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



167.3430, 43.2149, -47.6588



179.5180, 34.7476, 8.3157



180.7870, 16.8670, 50.1758

Triad

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



179.5180, 34.7476, 8.3157



174.6020, -39.7368, 52.0920



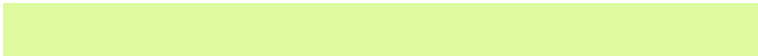
137.5610, 21.9084, -120.6410

Complementary

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



179.5180, 34.7476, 8.3157



231.4820, -34.7476, -8.3157

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.



156.8680, -10.2879, -60.3972



179.5180, 34.7476, 8.3157



171.3780, -43.5704, 21.5935

Square

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



179.5180, 34.7476, 8.3157



175.1370, -24.2245, 70.0399



165.8940, -32.9787, -15.6930



141.4030, 41.7063, -124.0104

Rectangle

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



179.5180, 34.7476, 8.3157



178.9280, 2.9935, 66.7151



165.8940, -32.9787, -15.6930



135.1500, 15.2090, -118.5266

Sweetspot

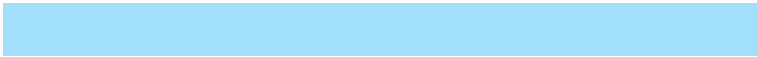
The Sweet Spot groups the original color and five complimentary colors.



179.5180, 34.7476, 8.3157



232.8830, 10.9037, 2.7336



207.5400, 20.9328, -40.8156



114.4330, 6.6885, 1.3743



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.



179.5180, 34.7476, 8.3157



168.0050, 42.8885, 10.5196



192.3750, 28.4091, 34.7511



114.6780, 5.0887, 1.1594



39.1870, 73.8578, 17.3760



12.6350, 23.8439, 5.5821

Inverse Universe

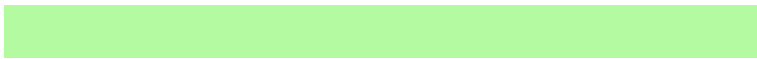
The Inverse Universe completely reimagines the original color for something new.



194.5650, 13.5255, 48.6165



186.5540, 16.9819, 60.0271



218.6250, -28.4091, -34.7511



116.9130, 2.0149, 7.0923



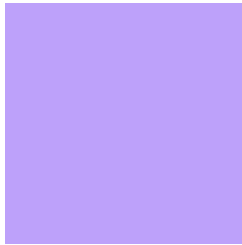
71.2170, 28.4870, 103.2957



23.0270, 9.3537, 33.3023

Previews

White Background



This preview shows how the YUV color 179.5180, 34.7476, 8.3157 looks on a white background.

Color Contrast Check

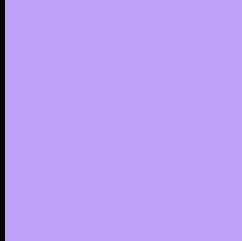
Large Text (above 18pt) WCAG AA × Fail

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 179.5180, 34.7476, 8.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

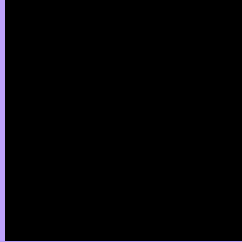
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.5180, 34.7476, 8.3157

Background



This preview shows how black text looks on a background with the YUV color 179.5180, 34.7476, 8.3157.



This preview shows how white text looks on a background with the YUV color 179.5180, 34.7476, 8.3157.

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

179.5180, 34.7476, 8.3157

Protanopia

175.1720, 39.3552, -22.9528

Deuteranopia

175.1460, 35.4240, -22.0530



Tritanopia

176.3790, 5.2362, 0.5446

Trichromacy



Original Color

179.5180, 34.7476, 8.3157

Protanomaly

177.0810, 37.4281, -11.4720

Deuteranomaly

176.5110, 35.2441, -10.9721

Tritanomaly

177.2620, 16.1398, 3.2782

Monochromacy



Original Color

179.5180, 34.7476, 8.3157

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.6380, 12.5035, 2.9485

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5180, 34.7476, 8.3157 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(189, 161, 250)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 250)  
}
```

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(189, 161, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 250) }
```

Border

The CSS property to change the border of an element to YUV 179.5180, 34.7476, 8.3157 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(189, 161, 250) }
```


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

```
.border{ border-color:rgb(189, 161, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 161, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 161, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 161, 250);  
box-shadow:4px 4px 4px 4px rgb(189, 161,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 179.5180, 34.7476, 8.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 250) }
```

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

```
.background{ background-color: rgb(189,  
161, 250) }
```

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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