

Converting Colors

YUV(181.2900, 33.8740, 8.5157)

Have a look what the booklet for
YUV(181.2900, 33.8740, 8.5157)
contains.

YUV(181.2900, 33.8740, 8.5157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.2900, 33.8740,
8.5157)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA3FA
RGB	191, 163, 250
RGB Percent	75%, 64%, 98%
CMY	0.2510, 0.3608, 0.0196
CMYK	0.24, 0.35, 0.00, 0.02
HSL	259°, 90%, 81%
HSV	259°, 35%, 98%
XYZ	51.8384, 44.1729, 96.2365
YIQ	181.2900, -11.2390, 32.9930

Conversions

Conversions Part 2

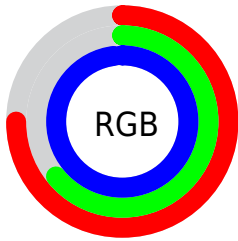
Format	Color
R_{YB}	191, 163, 250
Decimal	12559354
CIE _{Lab}	72.34, 27.72, -39.62
CIE _{LCh}	72, 48.355, 304.981
Yxy	44.1729, 0.2696, 0.2298
Android (android.graphics.Color)	4290749434 (0xFFBFA3FA)
YUV	181.2900, 33.8740, 8.5157
Hunter-Lab	66.4627, 22.9135, -39.3268

Details

The YUV color **181.2900, 33.8740, 8.5157** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **231.7100, -33.8740, -8.5157**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4870, 11.5919, 15.3589**, and **127.8230, 32.1323, 7.1712** is the 20% darker color. If you saturate the color by 10%, you get **161.5320, 43.6147, 10.9344**, and if you desaturate by 10%, it is **201.0480, 24.1333, 6.0969**.

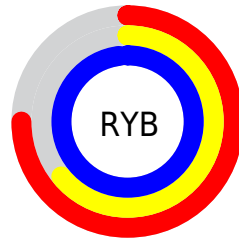
Distribution



Red (75%)

Green (64%)

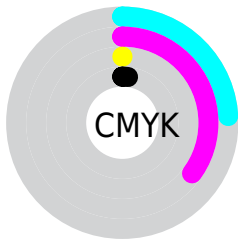
Blue (98%)



Red (75%)

Yellow (64%)

Blue (98%)

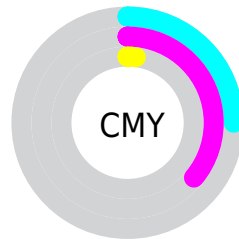


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (25%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.2900, 33.8740, 8.5157 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 181.2900, 33.8740, 8.5157 by changing the saturation by 10% instead.


 181.2900, 33.8740,
8.5157

 181.2900, 33.8740,
8.5157


255.0000, 0.0000,
0.0000


 154.3500, 32.8584,
7.5860


 231.4870, 11.5919,
15.3589


 127.8230, 32.1323,
7.1712

 250.3040, 2.3151,
4.1184

 101.9970, 31.5535,
6.1416

 77.6440, 30.2485,
4.6972

 53.4050, 29.3803,
3.1528

 30.4540, 28.3702,
0.4788

 8.7910, 27.2180,

-3.3247

■ 6.4350, 17.0405,
-5.6435

■ 2.8670, 8.4466,
-2.5144

■ 181.2900, 33.8740,
8.5157

■ 181.2900, 33.8740,
8.5157

■ 161.5320, 43.6147,
10.9344

■ 201.0480, 24.1333,
6.0969

■ 141.7740, 53.3554,
13.3532

■ 220.8060, 14.3926,
3.6781

■ 122.0160, 63.0961,
15.7720

■ 240.5640, 4.6519,
1.2594

■ 102.2580, 72.8368,
18.1907

■ 254.4300, -2.1840,
0.4999

■ 82.5000, 82.5775,
20.6095

■ 62.7420, 92.3182,
23.0283

■ 52.4200, 97.4069,
24.1877

Harmonies

Analogous

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



170.0120, 41.8991, -45.6145



181.2900, 33.8740, 8.5157



182.0750, 16.7250, 49.0462

Triad

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



181.2900, 33.8740, 8.5157



176.2320, -38.5684, 50.6625



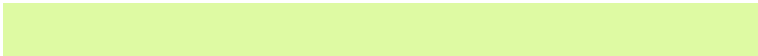
138.3760, 22.4926, -121.3558

Complementary

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



181.2900, 33.8740, 8.5157



231.7100, -33.8740, -8.5157

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.



158.8790, -10.2933, -58.6529



181.2900, 33.8740, 8.5157



172.7200, -42.2600, 21.2936

Square

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



181.2900, 33.8740, 8.5157



177.2400, -23.7823, 68.1955



168.4210, -32.2526, -15.2782



142.6910, 41.5643, -125.1400

Rectangle

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



181.2900, 33.8740, 8.5157



180.9170, 2.9989, 64.9708



168.4210, -32.2526, -15.2782



142.8310, 12.4083, -106.8458

Sweetspot

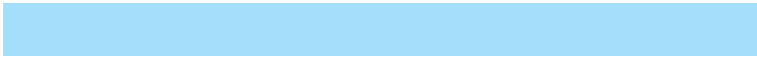
The Sweet Spot groups the original color and five complimentary colors.



181.2900, 33.8740, 8.5157



235.2420, 9.7407, 2.4188



207.5510, 20.9274, -39.0712



115.3190, 6.2517, 1.4742



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.



181.2900, 33.8740, 8.5157



170.3640, 41.7255, 10.2048



194.1470, 27.5355, 34.9511



114.6780, 5.0887, 1.1594



39.7850, 73.5630, 18.6056



12.9340, 23.6965, 6.1969

Inverse Universe

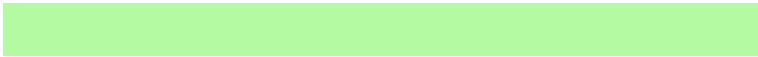
The Inverse Universe completely reimagines the original color for something new.



195.7390, 12.9467, 47.5869



188.3150, 16.1137, 58.4827



218.8530, -27.5355, -34.9511



116.9130, 2.0149, 7.0923



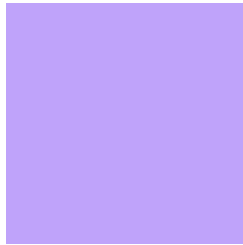
71.1030, 28.0502, 103.3957



23.0270, 9.3537, 33.3023

Previews

White Background



This preview shows how the YUV color 181.2900, 33.8740, 8.5157 looks on a white background.

Color Contrast Check

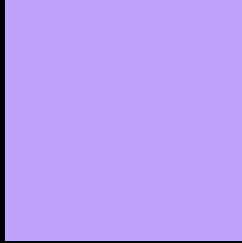
Large Text (above 18pt) WCAG AA × Fail

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 181.2900, 33.8740, 8.5157 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 181.2900, 33.8740, 8.5157

Background



This preview shows how black text looks on a background with the YUV color 181.2900, 33.8740, 8.5157.



This preview shows how white text looks on a background with the YUV color 181.2900, 33.8740,

8.5157.

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

181.2900, 33.8740, 8.5157

Protanopia

177.2430, 38.3342, -22.1381

Deuteranopia

176.9290, 34.5450, -20.1087



Tritanopia

178.0910, 5.3781, 1.6742

Trichromacy



Original Color

181.2900, 33.8740, 8.5157

Protanomaly

178.8530, 36.5545, -11.2721

Deuteranomaly

178.5820, 34.2231, -10.1574

Tritanomaly

179.4470, 15.5556, 3.9930

Monochromacy



Original Color

181.2900, 33.8740, 8.5157

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2900, 33.8740, 8.5157 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(191, 163, 250)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 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(191, 163, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 250) }
```

Border

The CSS property to change the border of an element to YUV 181.2900, 33.8740, 8.5157 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(191, 163, 250) }
```


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

```
.border{ border-color:rgb(191, 163, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 250);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 181.2900, 33.8740, 8.5157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 250) }
```

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

```
.background{ background-color: rgb(191,  
163, 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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