

# Converting Colors

YUV(145.8310, 53.8203,  
51.0142)

Have a look what the booklet for  
YUV(145.8310, 53.8203, 51.0142)  
contains.

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# Color

**YUV(145.8310, 53.8203,  
51.0142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC5FFF
RGB	204, 95, 255
RGB Percent	80%, 37%, 100%
CMY	0.2000, 0.6275, 0.0000
CMYK	0.20, 0.63, 0.00, 0.00
HSL	281°, 100%, 69%
HSV	281°, 63%, 100%
XYZ	47.0440, 28.2418, 97.5795
YIQ	145.8310, 13.6040, 72.8680

# Conversions

## Conversions Part 2

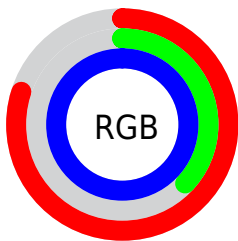
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 95, 255
Decimal	13393919
CIE <sub>Lab</sub>	60.11, 67.47, -61.61
CIE <sub>LCh</sub>	60, 91.362, 317.599
Yxy	28.2418, 0.2721, 0.1634
Android (android.graphics.Color)	4291583999 (0xFFCC5FFF)
YUV	145.8310, 53.8203, 51.0142
Hunter-Lab	53.1430, 65.0142, -71.6663

# Details

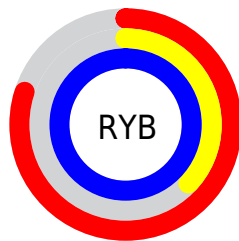
The YUV color **145.8310, 53.8203, 51.0142** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **204.1690, -53.8203, -51.0142**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9520, 30.0967, 53.5391**, and **86.6570, 54.3991, 52.0438** is the 20% darker color. If you saturate the color by 10%, you get **128.1770, 62.5237, 59.4808**, and if you desaturate by 10%, it is **163.4850, 45.1169, 42.5477**.

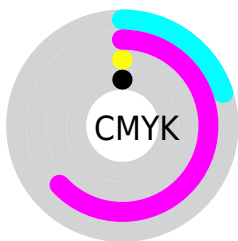
# Distribution



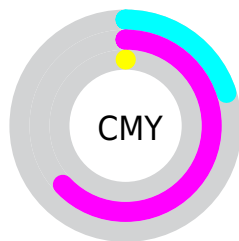
- Red (80%)
- Green (37%)
- Blue (100%)



- Red (80%)
- Yellow (37%)
- Blue (100%)



- Cyan (20%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (63%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 145.8310, 53.8203, 51.0142 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 145.8310, 53.8203, 51.0142 by changing the saturation by 10% instead.





 145.8310, 53.8203,  
51.0142


 145.8310, 53.8203,  
51.0142


255.0000, 0.0000,  
0.0000


 117.4180, 53.5309,  
50.4994

 193.9520, 30.0967,  
53.5391


 86.6570, 54.3991,  
52.0438


 210.3880, 21.9937,  
39.1247


 54.2490, 56.5722,  
55.0326

 227.4110, 13.6014,  
24.1956

 42.5000, 49.0535,  
39.9035

 245.0210, 4.9196,  
8.7516

 30.8650, 41.9716,  
24.6744

 19.9420, 35.0316,  
10.5749

 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,  
-5.8435

■ 2.9810, 8.8834,  
-2.6143

■ 145.8310, 53.8203,  
51.0142

■ 145.8310, 53.8203,  
51.0142

■ 128.1770, 62.5237,  
59.4808

■ 163.4850, 45.1169,  
42.5477

■ 111.1100, 70.9378,  
67.4325

■ 180.5520, 36.7029,  
34.5959

■ 93.4560, 79.6412,  
75.8991

■ 198.2060, 27.9994,  
26.1293

■ 81.0960, 85.7347,  
81.4768

■ 215.5720, 19.4380,  
18.7924

233.2260, 10.7346,  
10.3258

250.2930, 2.3206,  
2.3740

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



110.6630, 71.1581, -97.0515



145.8310, 53.8203, 51.0142



115.1900, 32.9373, 122.6134

# Triad

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



145.8310, 53.8203, 51.0142



136.4200, -67.2551, 58.3907



126.9610, 32.0642, -111.3448

# Complementary

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



145.8310, 53.8203, 51.0142



204.1690, -53.8203, -51.0142

# 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.



116.0970, -4.4848, -101.8171



145.8310, 53.8203, 51.0142



130.7410, -64.4553, 0.2271

# Square

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



145.8310, 53.8203, 51.0142



129.0240, -56.2138, 110.4810



99.7900, -49.1965, -87.5158



132.3820, 60.4507, -116.0990



# Rectangle

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



145.8310, 53.8203, 51.0142



90.8370, 18.3214, 143.9710



99.7900, -49.1965, -87.5158



123.1820, 20.1233, -108.0306

# Sweetspot

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



145.8310, 53.8203, 51.0142



222.3390, 16.1019, 15.4887



144.3510, 54.5500, -43.2808



107.4000, 10.1558, 9.2962



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.



145.8310, 53.8203, 51.0142



124.6440, 64.2655, 60.8252



158.0020, 34.5090, 85.0672



118.8740, 4.4991, 3.6185



60.6440, 64.2655, 60.8252



20.1530, 21.6166, 20.0368



# Inverse Universe

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



148.6540, -1.3084, 93.2654



128.0630, -1.5101, 111.3237



191.9980, -34.5090, -85.0672



119.3430, -0.1691, 7.5922



64.0630, -1.5101, 111.3237

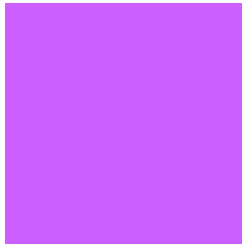


21.4160, -0.6981, 37.3462



# Previews

## White Background



This preview shows how the YUV color 145.8310, 53.8203, 51.0142 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

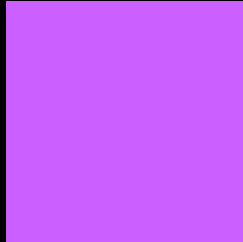
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 145.8310, 53.8203, 51.0142 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 × Fail

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

# YUV 145.8310, 53.8203, 51.0142

## Background



This preview shows how black text looks on a background with the YUV color 145.8310, 53.8203, 51.0142.



This preview shows how white text looks on a background with the YUV color 145.8310, 53.8203, 51.0142.



# 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

145.8310, 53.8203, 51.0142

### Protanopia

139.0460, 57.1653, -42.1363

### Deuteranopia

135.4590, 54.0037, -54.7765



## Tritanopia

147.1830, -4.0342, 34.0425

# Trichromacy



## Original Color

145.8310, 53.8203, 51.0142



## Protanomaly

141.3260, 56.0413, -8.1789



## Deuteranomaly

139.1140, 54.1738, -15.8860



## Tritanomaly

147.0200, 16.7521, 40.3245

# Monochromacy



## Original Color

145.8310, 53.8203, 51.0142



## Achromatopsia

146.0000, 0.0000, 0.0000



## Achromatomaly

145.6860, 19.8748, 18.6924

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.8310, 53.8203, 51.0142 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(204, 95, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 95, 255)  
}
```

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(204, 95, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 95, 255) }
```

## Border

The CSS property to change the border of an element to YUV 145.8310, 53.8203, 51.0142 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(204, 95, 255) }
```



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

```
.border{ border-color:rgb(204, 95, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 95, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 95, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 95, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 95,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 145.8310, 53.8203, 51.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 95, 255) }
```

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

```
.background{ background-color: rgb(204, 95,  
255) }
```

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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