

Converting Colors

YUV(177.5400, 38.1878,
24.9594)

Have a look what the booklet for
YUV(177.5400, 38.1878, 24.9594)
contains.

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Color

**YUV(177.5400, 38.1878,
24.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	CE94FF
RGB	206, 148, 255
RGB Percent	81%, 58%, 100%
CMY	0.1922, 0.4196, 0.0000
CMYK	0.19, 0.42, 0.00, 0.00
HSL	273°, 100%, 79%
HSV	273°, 42%, 100%
XYZ	54.0935, 41.5216, 99.7712
YIQ	177.5400, 0.2210, 45.5730

Conversions

Conversions Part 2

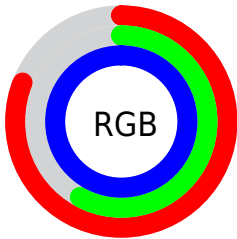
Format	Color
R _Y B	206, 148, 255
Decimal	13538559
CIE Lab	70.54, 41.34, -45.05
CIE LCh	71, 61.143, 312.539
Yxy	41.5216, 0.2769, 0.2125
Android (android.graphics.Color)	4291728639 (0xFFCE94FF)
YUV	177.5400, 38.1878, 24.9594
Hunter-Lab	64.4373, 37.0811, -46.6953

Details

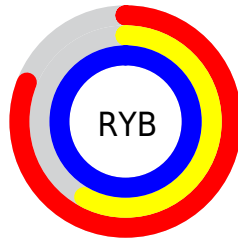
The YUV color **177.5400, 38.1878, 24.9594** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **225.4600, -38.1878, -24.9594**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4760, 15.0483, 26.7695**, and **123.7740, 36.5934, 23.0002** is the 20% darker color. If you saturate the color by 10%, you get **159.2770, 47.1914, 30.4521**, and if you desaturate by 10%, it is **196.3900, 28.8947, 18.9520**.

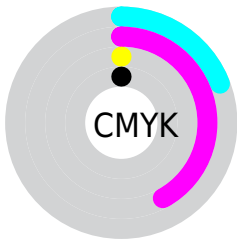
Distribution



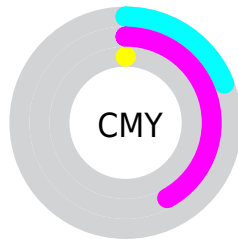
- Red (81%)
- Green (58%)
- Blue (100%)



- Red (81%)
- Yellow (58%)
- Blue (100%)



- Cyan (19%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5400, 38.1878, 24.9594 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 177.5400, 38.1878, 24.9594 by changing the saturation by 10% instead.

 177.5400, 38.1878,
24.9594


 177.5400, 38.1878,
24.9594


255.0000, 0.0000,
0.0000


 150.6000, 37.1722,
24.0298


 224.4760, 15.0483,
26.7695


 123.7740, 36.5934,
23.0002

 240.9120, 6.9454,
12.3552

 97.5350, 35.7252,
21.4558

 72.5950, 34.7097,
20.5262

 46.8830, 34.5677,
19.3966

 23.3450, 33.8469,
17.2374

 14.0310, 26.6067,

6.1118

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 177.5400, 38.1878,
24.9594

■ 177.5400, 38.1878,
24.9594

■ 159.2770, 47.1914,
30.4521

■ 196.3900, 28.8947,
18.9520

■ 140.7260, 56.3371,
37.0743

■ 214.3540, 20.0385,
12.8445

■ 122.4630, 65.3407,
42.5669

■ 233.2040, 10.7454,
6.8371

■ 103.6130, 74.6338,
48.5744

■ 251.4670, 1.7418,
1.3444

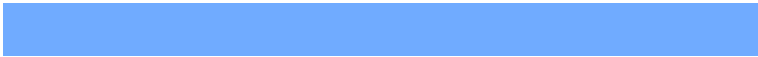
■ 85.6490, 83.4900, 255.0000, 0.0000,
54.6818 0.0000

■ 70.3320, 91.0413,
59.3448

Harmonies

Analogous

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



162.9350, 45.3880, -44.6700



177.5400, 38.1878, 24.9594



174.9790, 15.7864, 70.1784

Triad

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



177.5400, 38.1878, 24.9594



168.5840, -52.5459, 53.8618



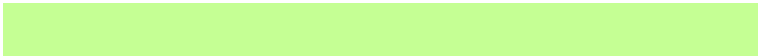
139.6300, 27.2974, -122.4555

Complementary

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



177.5400, 38.1878, 24.9594



225.4600, -38.1878, -24.9594

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.



131.8440, 2.5419, -115.6272



177.5400, 38.1878, 24.9594



164.2880, -53.8790, 14.6564

Square

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



177.5400, 38.1878, 24.9594



167.4770, -33.2662, 76.7577



156.9150, -34.9611, -33.2515



143.6830, 50.4423, -126.0100

Rectangle

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



177.5400, 38.1878, 24.9594



167.2390, 1.3612, 76.9664



156.9150, -34.9611, -33.2515



137.4640, 18.9982, -120.5559

Sweetspot

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



177.5400, 38.1878, 24.9594



231.1440, 11.7610, 7.7667



189.5480, 32.2678, -36.4376



112.6830, 7.5513, 4.6630



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.



177.5400, 38.1878, 24.9594



163.1090, 45.3023, 29.7224



191.7350, 29.2176, 55.4834



118.5750, 4.6465, 3.0037



52.8700, 68.0981, 44.8410



17.7610, 22.7958, 15.1186

Inverse Universe

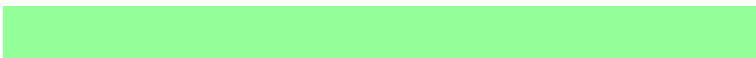
The Inverse Universe completely reimagines the original color for something new.



185.5790, 5.6306, 60.8822



172.5850, 6.6136, 72.2780



211.2650, -29.2176, -55.4834



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 177.5400, 38.1878, 24.9594 looks on a white background.

Color Contrast Check

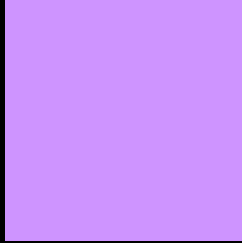
Large Text (above 18pt) WCAG AA × Fail

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 177.5400, 38.1878, 24.9594 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 177.5400, 38.1878, 24.9594 Background



This preview shows how black text looks on a background with the YUV color 177.5400, 38.1878, 24.9594.



This preview shows how white text looks on a background with the YUV color 177.5400, 38.1878,

24.9594.

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

177.5400, 38.1878, 24.9594

Protanopia

171.6170, 41.1078, -25.0971

Deuteranopia

171.0360, 38.9293, -26.3416



Tritanopia

174.8540, 1.5510, 15.9140

Trichromacy



Original Color

177.5400, 38.1878, 24.9594



Protanomaly

173.7980, 40.0326, -6.8388



Deuteranomaly

173.7440, 38.5802, -7.6685



Tritanomaly

176.0190, 14.7806, 19.2773

Monochromacy



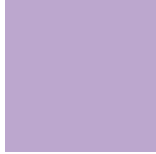
Original Color

177.5400, 38.1878, 24.9594



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.7250, 13.9396, 9.0112

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5400, 38.1878, 24.9594 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(206, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 148, 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(206, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 148, 255) }
```

Border

The CSS property to change the border of an element to YUV 177.5400, 38.1878, 24.9594 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(206, 148, 255) }
```


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

```
.border{ border-color:rgb(206, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 177.5400, 38.1878, 24.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 148, 255) }
```

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

```
.background{ background-color: rgb(206,  
148, 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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