

Converting Colors

YUV(178.9160, 34.5514,
24.6297)

Have a look what the booklet for
YUV(178.9160, 34.5514, 24.6297)
contains.

YUV(178.9160, 34.5514, 24.6297)	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(178.9160, 34.5514,
24.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	CF97F9
RGB	207, 151, 249
RGB Percent	81%, 59%, 98%
CMY	0.1882, 0.4078, 0.0235
CMYK	0.17, 0.39, 0.00, 0.02
HSL	274°, 89%, 78%
HSV	274°, 39%, 98%
XYZ	53.8976, 42.2382, 94.9346
YIQ	178.9160, 1.9180, 42.3500

Conversions

Conversions Part 2

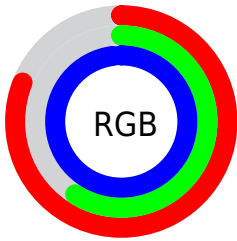
Format	Color
R _Y B	207, 151, 249
Decimal	13604857
CIE _{Lab}	71.03, 38.70, -41.01
CIE _{LCh}	71, 56.387, 313.345
Y _{xy}	42.2382, 0.2821, 0.2211
Android (android.graphics.Color)	4291794937 (0xFFCF97F9)
YUV	178.9160, 34.5514, 24.6297
Hunter-Lab	64.9909, 34.2978, -41.1135

Details

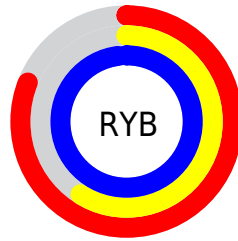
The YUV color **178.9160, 34.5514, 24.6297** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221.0840, -34.5514, -24.6297**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2370, 14.1802, 25.2252**, and **125.1500, 32.9570, 22.6704** is the 20% darker color. If you saturate the color by 10%, you get **160.9520, 43.4077, 30.7371**, and if you desaturate by 10%, it is **196.8800, 25.6952, 18.5222**.

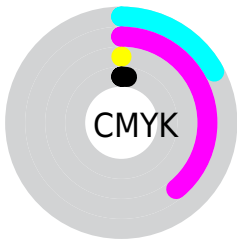
Distribution



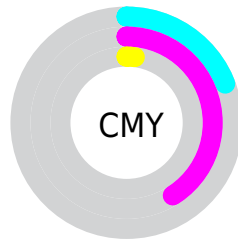
- Red (81%)
- Green (59%)
- Blue (98%)



- Red (81%)
- Yellow (59%)
- Blue (98%)



- Cyan (17%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)





- Cyan (19%)
- Magenta (41%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.9160, 34.5514, 24.6297 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 178.9160, 34.5514, 24.6297 by changing the saturation by 10% instead.


 178.9160, 34.5514,
24.6297

 178.9160, 34.5514,
24.6297


255.0000, 0.0000,
0.0000


 151.9760, 33.5358,
23.7000


 226.2370, 14.1802,
25.2252


 125.1500, 32.9570,
22.6704

 242.6730, 6.0772,
10.8108

 99.3240, 32.3783,
21.6409

 74.0850, 31.5101,
20.0965

 49.5580, 30.7839,
19.6816

 23.6720, 31.2207,
19.5817

 14.4720, 24.4173,

8.3561

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 178.9160, 34.5514,
24.6297

■ 178.9160, 34.5514,
24.6297

■ 160.9520, 43.4077,
30.7371

■ 196.8800, 25.6952,
18.5222

■ 143.2870, 52.1165,
37.4593

■ 214.5450, 16.9863,
11.8000

■ 125.3230, 60.9728,
43.5667

■ 232.5090, 8.1301,
5.6926

■ 107.3590, 69.8290,
49.6742

■ 250.4730, -0.7262,
-0.4148

■ 90.2810, 78.2485,
55.8816

■ 254.3160, -2.6208,
0.5999

■ 72.3170, 87.1047,
61.9890

■ 70.8440, 87.8309,
62.4038

Harmonies

Analogous

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



167.7080, 43.0350, -36.5779



178.9160, 34.5514, 24.6297



177.3870, 13.6132, 67.1896

Triad

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



178.9160, 34.5514, 24.6297



170.7020, -48.1671, 49.3733



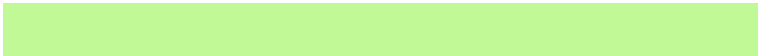
139.7440, 27.7342, -122.5555

Complementary

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



178.9160, 34.5514, 24.6297



221.0840, -34.5514, -24.6297

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.



136.1160, 3.3938, -108.8497



178.9160, 34.5514, 24.6297



166.3570, -48.4900, 12.8419

Square

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



178.9160, 34.5514, 24.6297



171.6830, -32.3817, 73.0690



160.1370, -31.6195, -31.6921



143.3410, 49.1319, -125.7101

Rectangle

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



178.9160, 34.5514, 24.6297



171.3480, -0.6646, 73.3628



160.1370, -31.6195, -31.6921



137.1050, 20.1612, -120.2411

Sweetspot

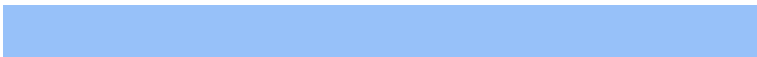
The Sweet Spot groups the original color and five complimentary colors.



178.9160, 34.5514, 24.6297



232.9160, 10.8874, 7.9667



186.8260, 30.6518, -31.4194



115.0420, 6.3883, 4.3482



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.



178.9160, 34.5514, 24.6297



169.3110, 42.2447, 30.4223



190.6760, 25.3027, 51.1501



115.8740, 4.4991, 3.6185



53.8380, 66.6349, 47.5001



17.4190, 21.4854, 15.4185

Inverse Universe

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



185.0900, 3.8996, 56.0491



176.8080, 5.0247, 68.5744



209.3240, -25.3027, -51.1501



116.5710, 0.7045, 7.3922



65.7450, 7.5207, 108.0946



21.2030, 2.3649, 34.9020

Previews

White Background



This preview shows how the YUV color 178.9160, 34.5514, 24.6297 looks on a white background.

Color Contrast Check

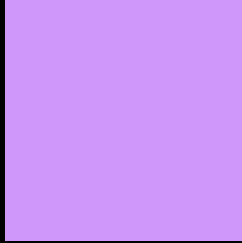
Large Text (above 18pt) WCAG AA × Fail

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 178.9160, 34.5514, 24.6297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

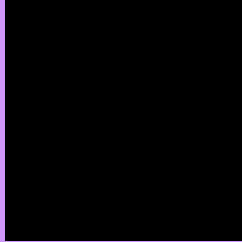
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.9160, 34.5514, 24.6297

Background



This preview shows how black text looks on a background with the YUV color 178.9160, 34.5514, 24.6297.



This preview shows how white text looks on a background with the YUV color 178.9160, 34.5514, 24.6297.

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

178.9160, 34.5514, 24.6297

Protanopia

173.1010, 40.3762, -23.7676

Deuteranopia

173.4450, 35.2766, -21.4383



Tritanopia

176.4520, 1.2562, 17.1436

Trichromacy



Original Color

178.9160, 34.5514, 24.6297

Protanomaly

175.3420, 38.2854, -6.4389

Deuteranomaly

175.1420, 34.9330, -4.5095

Tritanomaly

177.5630, 13.0334, 19.6772

Monochromacy



Original Color

178.9160, 34.5514, 24.6297

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9700, 12.3398, 8.7963

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9160, 34.5514, 24.6297 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(207, 151, 249)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 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(207, 151, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 249) }
```

Border

The CSS property to change the border of an element to YUV 178.9160, 34.5514, 24.6297 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(207, 151, 249) }
```


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

```
.border{ border-color:rgb(207, 151, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 249);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 178.9160, 34.5514, 24.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 249) }
```

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

```
.background{ background-color: rgb(207,  
151, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor