

Converting Colors

YUV(178.1930, 37.8659,
34.9107)

Have a look what the booklet for
YUV(178.1930, 37.8659, 34.9107)
contains.

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Color

**YUV(178.1930, 37.8659,
34.9107)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DA8FFF |
| RGB | 218, 143, 255 |
| RGB Percent | 85%, 56%, 100% |
| CMY | 0.1451, 0.4392, 0.0000 |
| CMYK | 0.15, 0.44, 0.00, 0.00 |
| HSL | 280°, 100%, 78% |
| HSV | 280°, 44%, 100% |
| XYZ | 56.7859, 41.7703, 99.6773 |
| YIQ | 178.1930, 8.7480, 50.7320 |

Conversions

Conversions Part 2

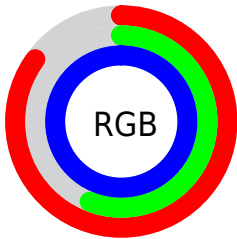
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 143, 255 |
| Decimal | 14323711 |
| CIE Lab | 70.71, 47.36, -44.69 |
| CIE LCh | 71, 65.117, 316.659 |
| Yxy | 41.7703, 0.2865, 0.2107 |
| Android (android.graphics.Color) | 4292513791 (0xFFDA8FFF) |
| YUV | 178.1930, 37.8659, 34.9107 |
| Hunter-Lab | 64.6300, 43.7332, -46.2006 |

Details

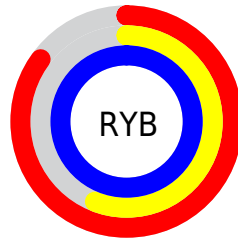
The YUV color **178.1930, 37.8659, 34.9107** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **219.8070, -37.8659, -34.9107**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5410, 16.4953, 29.3435**, and **123.5410, 36.7083, 32.8515** is the 20% darker color. If you saturate the color by 10%, you get **161.1260, 46.2799, 42.8625**, and if you desaturate by 10%, it is **195.8470, 29.1624, 26.4442**.

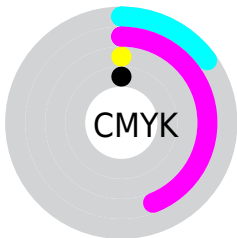
Distribution



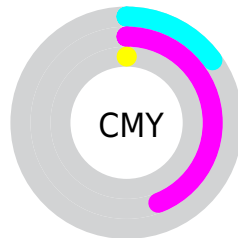
- Red (85%)
- Green (56%)
- Blue (100%)



- Red (85%)
- Yellow (56%)
- Blue (100%)



- Cyan (15%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.1930, 37.8659, 34.9107 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 178.1930, 37.8659, 34.9107 by changing the saturation by 10% instead.


 178.1930, 37.8659,
34.9107

 178.1930, 37.8659,
34.9107


255.0000, 0.0000,
0.0000


 150.3670, 37.2871,
33.8811


 221.5410, 16.4953,
29.3435


 123.5410, 36.7083,
32.8515

 238.5640, 8.1029,
14.4144

 97.3020, 35.8401,
31.3071

 70.8890, 35.5507,
30.7923

 41.9540, 36.9977,
33.3663

 26.6340, 32.2254,
24.0000

 17.0210, 25.1326,

12.2596

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 178.1930, 37.8659,
34.9107

■ 178.1930, 37.8659,
34.9107

■ 161.1260, 46.2799,
42.8625

■ 195.8470, 29.1624,
26.4442

■ 143.1730, 55.1307,
50.7143

■ 213.2130, 20.6010,
19.1072

■ 125.5190, 63.8341,
59.1808

■ 230.8670, 11.8976,
10.6406

■ 108.1530, 72.3956,
66.5178

■ 248.2330, 3.3361,
3.3037

■ 91.0860, 80.8096, 255.0000, 0.0000,
74.4696 0.0000

■ 80.1990, 86.1769,
79.6325

Harmonies

Analogous

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



164.7620, 44.4873, -35.7483



178.1930, 37.8659, 34.9107



170.8870, 15.3387, 73.7671

Triad

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



178.1930, 37.8659, 34.9107



167.7810, -58.0660, 51.0581



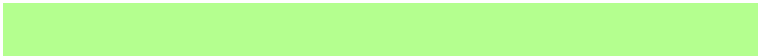
141.9440, 31.0866, -124.4849

Complementary

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



178.1930, 37.8659, 34.9107



219.8070, -37.8659, -34.9107

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.



133.8160, 5.0207, -117.3566



178.1930, 37.8659, 34.9107



162.7450, -57.0623, 8.9936

Square

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



178.1930, 37.8659, 34.9107



166.8100, -38.3603, 77.3426



154.0060, -33.0340, -44.7323



145.2960, 54.0841, -127.4246

Rectangle

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



178.1930, 37.8659, 34.9107



163.3920, -0.6863, 80.3402



154.0060, -33.0340, -44.7323



139.6640, 22.3506, -122.4853

Sweetspot

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



178.1930, 37.8659, 34.9107



232.3400, 11.1714, 10.2258



177.4870, 38.2139, -30.2451



113.5800, 7.1091, 6.5073



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.



178.1930, 37.8659, 34.9107



162.3000, 45.7011, 41.8329



187.0900, 24.1126, 59.5571



118.8740, 4.4991, 3.6185



60.0460, 64.5603, 59.5957



20.1530, 21.6166, 20.0368

Inverse Universe

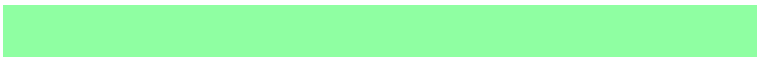
The Inverse Universe completely reimagines the original color for something new.



180.7060, -0.3481, 65.1558



165.3810, -0.6808, 78.5959



210.9100, -24.1126, -59.5571



119.3430, -0.1691, 7.5922



64.2910, -0.6365, 111.1238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 178.1930, 37.8659, 34.9107 looks on a white background.

Color Contrast Check

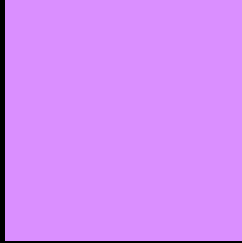
Large Text (above 18pt) WCAG AA × Fail

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 178.1930, 37.8659, 34.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

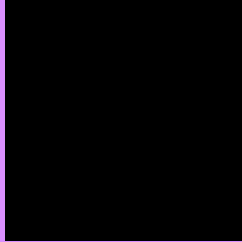
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.1930, 37.8659, 34.9107

Background



This preview shows how black text looks on a background with the YUV color 178.1930, 37.8659, 34.9107.



This preview shows how white text looks on a background with the YUV color 178.1930, 37.8659, 34.9107.

34.9107.

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

178.1930, 37.8659, 34.9107

Protanopia

172.5030, 40.6710, -24.9971

Deuteranopia

172.1070, 37.9082, -25.5268



Tritanopia

175.9370, -0.9549, 26.3653

Trichromacy



Original Color

178.1930, 37.8659, 34.9107



Protanomaly

174.7060, 39.5849, -3.2502



Deuteranomaly

173.9510, 37.9852, -3.4650



Tritanomaly

176.3300, 13.1483, 29.5286

Monochromacy



Original Color

178.1930, 37.8659, 34.9107



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0460, 13.7813, 13.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1930, 37.8659, 34.9107 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(218, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 143, 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(218, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 143, 255) }
```

Border

The CSS property to change the border of an element to YUV 178.1930, 37.8659, 34.9107 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(218, 143, 255) }
```


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

```
.border{ border-color:rgb(218, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 143,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 178.1930, 37.8659, 34.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 143, 255) }
```

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

```
.background{ background-color: rgb(218,  
143, 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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