

Converting Colors

YUV(178.7120, 27.2570,
30.9476)

Have a look what the booklet for
YUV(178.7120, 27.2570, 30.9476)
contains.

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Color

**YUV(178.7120, 27.2570,
30.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	D696EA
RGB	214, 150, 234
RGB Percent	84%, 59%, 92%
CMY	0.1608, 0.4118, 0.0824
CMYK	0.09, 0.36, 0.00, 0.08
HSL	286°, 67%, 75%
HSV	286°, 36%, 92%
XYZ	53.4892, 42.0493, 83.1391
YIQ	178.7120, 11.1800, 39.6920

Conversions

Conversions Part 2

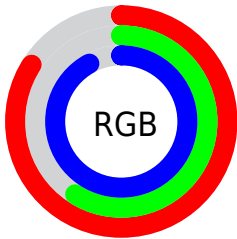
Format	Color
RYB	214, 150, 234
Decimal	14063338
CIELab	70.90, 38.22, -32.96
CIELCh	71, 50.469, 319.219
Yxy	42.0493, 0.2994, 0.2353
Android (android.graphics.Color)	4292253418 (0xFFD696EA)
YUV	178.7120, 27.2570, 30.9476
Hunter-Lab	64.8455, 33.7600, -30.6245

Details

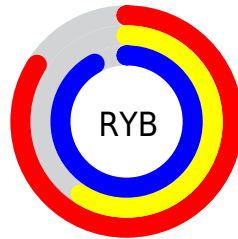
The YUV color **178.7120, 27.2570, 30.9476** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **205.2880, -27.2570, -30.9476**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6500, 14.4696, 25.7400**, and **125.0600, 26.0994, 28.8884** is the 20% darker color. If you saturate the color by 10%, you get **163.4170, 34.7974, 39.0993**, and if you desaturate by 10%, it is **194.0070, 19.7165, 22.7959**.

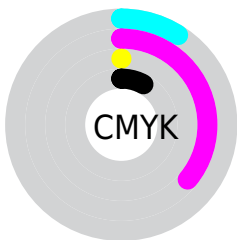
Distribution



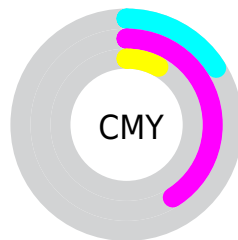
- Red (84%)
- Green (59%)
- Blue (92%)



- Red (84%)
- Yellow (59%)
- Blue (92%)



- Cyan (9%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)





- Cyan (16%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.7120, 27.2570, 30.9476 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 178.7120, 27.2570, 30.9476 by changing the saturation by 10% instead.

 178.7120, 27.2570,
30.9476

 178.7120, 27.2570,
30.9476


255.0000, 0.0000,
0.0000


 151.8860, 26.6782,
29.9180


 225.6500, 14.4696,
25.7400


 125.0600, 26.0994,
28.8884

 242.6730, 6.0772,
10.8108

 99.2340, 25.5206,
27.8588

 73.8210, 25.2312,
27.3440

 49.1090, 25.0893,
26.2144

 24.6960, 24.7999,
25.6996

 16.0940, 17.7017,

15.7036

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 178.7120, 27.2570,
30.9476

■ 178.7120, 27.2570,
30.9476

■ 163.4170, 34.7974,
39.0993

■ 194.0070, 19.7165,
22.7959

■ 147.8340, 42.4798,
48.3806

■ 209.5900, 12.0341,
13.5146

■ 132.5390, 50.0203,
56.5323

■ 224.8850, 4.4937,
5.3629

■ 116.9560, 57.7027,
65.8136

■ 240.4680, -3.1887,
-3.9184

■ 101.6610, 65.2431,
73.9653

■ 248.7190, -7.2565,
-5.8926

■ 86.6650, 72.6362,
82.7318

■ 250.2140, -7.9935,
-2.8187

■ 79.8980, 75.9723,
86.0355

■ 252.0080, -8.8779,
0.8700

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



172.5360, 40.6548, -19.7641



178.7120, 27.2570, 30.9476



177.0570, 7.3669, 63.9710

Triad

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



178.7120, 27.2570, 30.9476



170.3740, -44.0614, 39.1370



138.6670, 31.2232, -121.6110

Complementary

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



178.7120, 27.2570, 30.9476



205.2880, -27.2570, -30.9476

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.



141.0940, 6.8557, -99.1834



178.7120, 27.2570, 30.9476



166.5500, -41.1901, 4.7797

Square

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



178.7120, 27.2570, 30.9476



172.8130, -32.9388, 65.0620



159.7650, -24.0411, -35.7509



140.8790, 49.8527, -123.5509

Rectangle

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



178.7120, 27.2570, 30.9476



173.8440, -6.3321, 71.1738



159.7650, -24.0411, -35.7509



136.9570, 24.6712, -120.1113

Sweetspot

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



178.7120, 27.2570, 30.9476



236.4710, 9.1348, 10.1109



171.9030, 30.6138, -19.2089



116.8250, 5.5093, 6.2925



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.



178.7120, 27.2570, 30.9476



182.6560, 35.6656, 40.6437



182.2980, 15.1361, 45.3427



109.9450, 3.4781, 4.4332



61.8960, 58.7183, 66.7432



18.4150, 17.5434, 19.8070

Inverse Universe

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



177.3960, -3.6462, 49.6417



180.8540, -4.8580, 65.0260



201.7020, -15.1361, -45.3427



109.5170, -0.7479, 6.5626



59.0210, -7.8984, 106.9756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 178.7120, 27.2570, 30.9476 looks on a white background.

Color Contrast Check

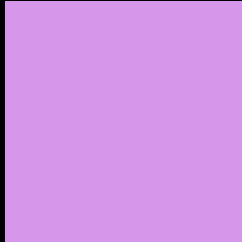
Large Text (above 18pt) WCAG AA × Fail

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 178.7120, 27.2570, 30.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

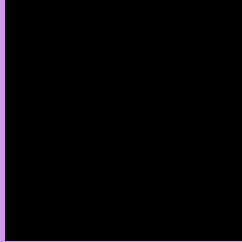
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.7120, 27.2570, 30.9476

Background



This preview shows how black text looks on a background with the YUV color 178.7120, 27.2570, 30.9476.



This preview shows how white text looks on a background with the YUV color 178.7120, 27.2570,

30.9476.

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

178.7120, 27.2570, 30.9476

Protanopia

173.2430, 38.3342, -22.1381

Deuteranopia

174.4370, 27.3926, -12.6612



Tritanopia

176.3390, -0.6601, 25.1357

Trichromacy



Original Color

178.7120, 27.2570, 30.9476



Protanomaly

175.0390, 34.4908, -2.6652



Deuteranomaly

175.8350, 27.1963, 3.6527



Tritanomaly

177.2820, 9.2280, 26.9397

Monochromacy



Original Color

178.7120, 27.2570, 30.9476



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.7100, 10.0030, 11.6553

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7120, 27.2570, 30.9476 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(214, 150, 234)` looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 234)  
}
```

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(214, 150, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 234) }
```

Border

The CSS property to change the border of an element to YUV 178.7120, 27.2570, 30.9476 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(214, 150, 234) }
```


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

```
.border{ border-color:rgb(214, 150, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 234);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 178.7120, 27.2570, 30.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 234) }
```

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

```
.background{ background-color: rgb(214,  
150, 234) }
```

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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