

Converting Colors

YUV(178.3990, 28.8903,
67.1791)

Have a look what the booklet for
YUV(178.3990, 28.8903, 67.1791)
contains.

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Color

**YUV(178.3990, 28.8903,
67.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80ED
RGB	255, 128, 237
RGB Percent	100%, 50%, 93%
CMY	0.0000, 0.4980, 0.0706
CMYK	0.00, 0.50, 0.07, 0.00
HSL	309°, 100%, 75%
HSV	309°, 50%, 100%
XYZ	64.2452, 42.8128, 84.9984
YIQ	178.3990, 40.7030, 60.8230

Conversions

Conversions Part 2

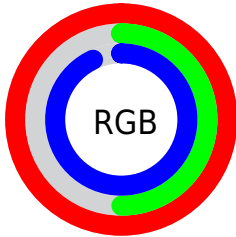
Format	Color
R _Y B	255, 128, 237
Decimal	16744685
CIE Lab	71.43, 61.96, -33.42
CIE LCh	71, 70.397, 331.661
Yxy	42.8128, 0.3345, 0.2229
Android (android.graphics.Color)	4294934765 (0xFFFF80ED)
YUV	178.3990, 28.8903, 67.1791
Hunter-Lab	65.4315, 60.7588, -31.2183

Details

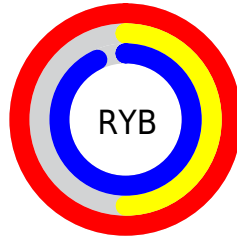
The YUV color **178.3990, 28.8903, 67.1791** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **204.6010, -28.8903, -67.1791**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9100, 20.2574, 36.0359**, and **121.5020, 29.3325, 65.3347** is the 20% darker color. If you saturate the color by 10%, you get **163.2680, 34.3779, 80.4490**, and if you desaturate by 10%, it is **194.1170, 23.1133, 53.3944**.

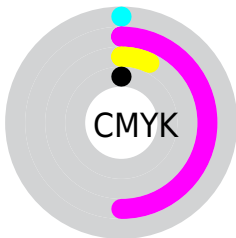
Distribution



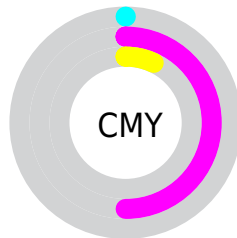
- Red (100%)
- Green (50%)
- Blue (93%)



- Red (100%)
- Yellow (50%)
- Blue (93%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.3990, 28.8903, 67.1791 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 178.3990, 28.8903, 67.1791 by changing the saturation by 10% instead.


 178.3990, 28.8903,
67.1791


 178.3990, 28.8903,
67.1791


255.0000, 0.0000,
0.0000


 149.8010, 29.1851,
65.9495


 213.9100, 20.2574,
36.0359


 121.5020, 29.3325,
65.3347


 230.9330, 11.8650,
21.1068

 91.5560, 30.7849,
66.1644

 247.9560, 3.4727,
6.1776

 56.0390, 34.9838,
72.7568

 44.8170, 28.1912,
58.0425

 34.0080, 21.6881,
43.8430

 23.7970, 14.8901,

30.8730

■ 12.6180, 9.5553,
15.2440

■ 0.3420, 1.3104,
-0.2999

■ 178.3990, 28.8903,
67.1791

■ 178.3990, 28.8903,
67.1791

■ 163.2680, 34.3779,
80.4490

■ 194.1170, 23.1133,
53.3944

■ 147.6640, 40.5916,
94.1337

■ 209.1340, 17.1889,
40.2245

■ 131.9460, 46.3686,
107.9184

■ 224.8520, 11.4120,
26.4398

■ 116.9290, 52.2930,
121.0883

■ 239.8690, 5.4876,
13.2699

■ 101.2110, 58.0700, 255.0000, 0.0000,
134.8730 0.0000

Harmonies

Analogous

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



174.1630, 39.8526, 4.2420



178.3990, 28.8903, 67.1791



161.8250, 6.0023, 81.7145

Triad

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



178.3990, 28.8903, 67.1791



165.3970, -69.2157, 33.8548



147.2220, 46.2326, -129.1137

Complementary

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



178.3990, 28.8903, 67.1791



204.6010, -28.8903, -67.1791

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.



140.5130, 17.9881, -123.2299



178.3990, 28.8903, 67.1791



159.8340, -52.1762, -18.2714

Square

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



178.3990, 28.8903, 67.1791



169.7330, -55.0844, 74.7792



132.1360, -10.4200, -111.4983



144.7090, 54.3735, -126.9098

Rectangle

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



178.3990, 28.8903, 67.1791



159.8580, -14.2270, 83.4395



132.1360, -10.4200, -111.4983



145.5290, 37.2072, -127.6289

Sweetspot

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



178.3990, 28.8903, 67.1791



232.1240, 8.8129, 20.0623



147.5610, 52.9674, -2.2460



114.0430, 4.9088, 12.2403



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.



178.3990, 28.8903, 67.1791



162.6810, 34.6673, 80.9638



171.3310, 1.8088, 73.3777



120.1410, 2.8885, 6.8923



75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Inverse Universe

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



178.3990, 28.8903, 67.1791



162.6810, 34.6673, 80.9638



211.6690, -1.8088, -73.3777



120.1410, 2.8885, 6.8923



75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 178.3990, 28.8903, 67.1791 looks on a white background.

Color Contrast Check

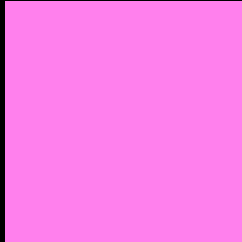
Large Text (above 18pt) WCAG AA × Fail

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 178.3990, 28.8903, 67.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

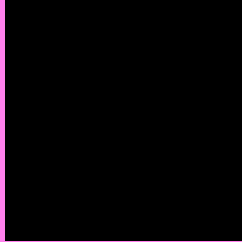
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.3990, 28.8903, 67.1791

Background



This preview shows how black text looks on a background with the YUV color 178.3990, 28.8903, 67.1791.



This preview shows how white text looks on a background with the YUV color 178.3990, 28.8903,

67.1791.

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

178.3990, 28.8903, 67.1791

Protanopia

174.8730, 39.5026, -23.5676

Deuteranopia

175.8070, 26.2241, -11.2317



Tritanopia

177.1540, -9.9359, 60.3779

Trichromacy



Original Color

178.3990, 28.8903, 67.1791



Protanomaly

176.3440, 35.3264, 9.3453



Deuteranomaly

176.6240, 27.3004, 16.9928



Tritanomaly

177.2480, 4.3147, 62.9265

Monochromacy



Original Color

178.3990, 28.8903, 67.1791



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.2000, 10.2544, 24.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3990, 28.8903, 67.1791 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(255, 128, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 237)  
}
```

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(255, 128, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 237) }
```

Border

The CSS property to change the border of an element to YUV 178.3990, 28.8903, 67.1791 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(255, 128, 237) }
```


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

```
.border{ border-color:rgb(255, 128, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 178.3990, 28.8903, 67.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 237) }
```

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

```
.background{ background-color: rgb(255,  
128, 237) }
```

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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