

Converting Colors

YUV(218.8500, 17.8220,
23.8106)

Have a look what the booklet for
YUV(218.8500, 17.8220, 23.8106)
contains.

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Color

**YUV(218.8500, 17.8220,
23.8106)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C6FF
RGB	246, 198, 255
RGB Percent	96%, 78%, 100%
CMY	0.0353, 0.2235, 0.0000
CMYK	0.04, 0.22, 0.00, 0.00
HSL	291°, 100%, 89%
HSV	291°, 22%, 100%
XYZ	76.2501, 67.2010, 103.5600
YIQ	218.8500, 10.3110, 27.9030

Conversions

Conversions Part 2

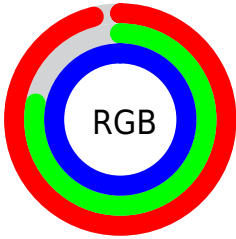
Format	Color
R _Y B	246, 198, 255
Decimal	16172799
CIE Lab	85.61, 26.64, -21.50
CIE LCh	86, 34.234, 321.085
Yxy	67.2010, 0.3087, 0.2721
Android (android.graphics.Color)	4294362879 (0xFFFF6C6FF)
YUV	218.8500, 17.8220, 23.8106
Hunter-Lab	81.9762, 22.5733, -17.5173

Details

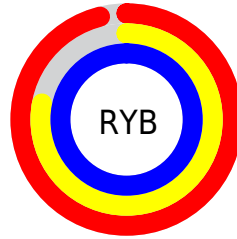
The YUV color **218.8500, 17.8220, 23.8106** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **234.1500, -17.8220, -23.8106**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **163.6110, 16.9538, 22.2662** is the 20% darker color. If you saturate the color by 10%, you get **202.9790, 25.6464, 34.2214**, and if you desaturate by 10%, it is **235.3080, 9.7082, 12.8849**.

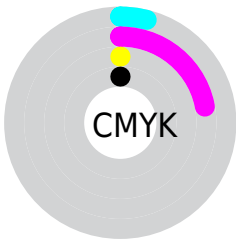
Distribution



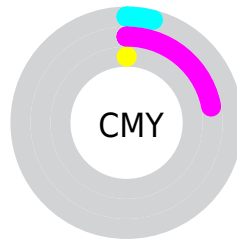
- Red (96%)
- Green (78%)
- Blue (100%)



- Red (96%)
- Yellow (78%)
- Blue (100%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.8500, 17.8220, 23.8106 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 218.8500, 17.8220, 23.8106 by changing the saturation by 10% instead.


 218.8500, 17.8220,
23.8106


 218.8500, 17.8220,
23.8106


255.0000, 0.0000,
0.0000


 191.0240, 17.2432,
22.7810

 163.6110, 16.9538,
22.2662

 137.1980, 16.6644,
21.7514

 111.3720, 16.0856,
20.7218

 86.5460, 15.5068,
19.6922

 62.2470, 15.6542,
19.0774

 39.4210, 15.0754,

18.0478

■ 16.7200, 14.9280,
18.6626

■ 4.1600, 10.7671,
-0.1403

■ 218.8500, 17.8220,
23.8106

■ 218.8500, 17.8220,
23.8106

■ 202.9790, 25.6464,
34.2214

■ 235.3080, 9.7082,
12.8849

■ 186.5210, 33.7601,
45.1471

■ 251.1790, 1.8838,
2.4740

■ 170.6500, 41.5846,
55.5580

■ 255.0000, 0.0000,
0.0000

■ 154.1920, 49.6983,
66.4836

■ 138.3210, 57.5227,
76.8945

■ 121.8630, 65.6365,
87.8201

■ 105.9920, 73.4609,
98.2310

■ 93.3550, 79.6910,
106.6827

Harmonies

Analogous

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



213.0480, 20.6823, -7.0581



218.8500, 17.8220, 23.8106



214.0120, 5.4171, 35.9465

Triad

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



218.8500, 17.8220, 23.8106



213.3370, -31.2251, 28.6455



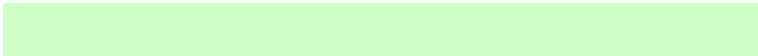
197.1740, 19.1412, -72.9436

Complementary

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



218.8500, 17.8220, 23.8106



234.1500, -17.8220, -23.8106

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.



200.5990, 1.1837, -53.1453



218.8500, 17.8220, 23.8106



209.6820, -27.9442, 2.9099

Square

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



218.8500, 17.8220, 23.8106



211.2810, -22.8165, 38.3416



205.4810, -16.5061, -25.8548



198.7860, 27.7135, -69.0953

Rectangle

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



218.8500, 17.8220, 23.8106



210.9170, -3.9031, 38.6608



205.4810, -16.5061, -25.8548



197.7140, 13.4520, -68.1552

Sweetspot

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



218.8500, 17.8220, 23.8106



243.5370, 5.6513, 7.4221



210.3680, 22.0036, -10.8467



120.9450, 3.4781, 4.4332



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.



218.8500, 17.8220, 23.8106



211.2080, 21.5895, 28.7586



219.3750, 8.1961, 31.2431



119.4720, 4.2043, 4.8481



69.9130, 59.6959, 79.8833



23.4420, 19.9951, 26.7994

Inverse Universe

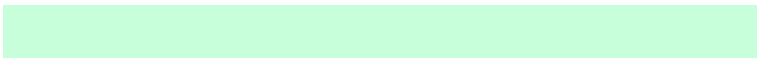
The Inverse Universe completely reimagines the original color for something new.



216.0690, -4.4710, 34.1425



207.8850, -5.3663, 41.3199



233.6250, -8.1961, -31.2431



119.1150, -1.0427, 7.7921



60.5290, -15.0508, 114.4231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 218.8500, 17.8220, 23.8106 looks on a white background.

Color Contrast Check

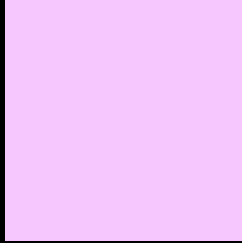
Large Text (above 18pt) WCAG AA × Fail

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 218.8500, 17.8220, 23.8106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

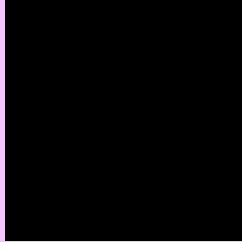
Any Text WCAG AA ✓ Pass

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 218.8500, 17.8220, 23.8106 Background



This preview shows how black text looks on a background with the YUV color 218.8500, 17.8220, 23.8106.



This preview shows how white text looks on a background with the YUV color 218.8500, 17.8220,

23.8106.

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

218.8500, 17.8220, 23.8106

Protanopia

215.3960, 19.5248, -9.1173

Deuteranopia

216.1090, 18.1873, -0.0956



Tritanopia

216.8870, 1.5347, 21.1471

Trichromacy



Original Color

218.8500, 17.8220, 23.8106



Protanomaly

216.9460, 18.7606, 2.6784



Deuteranomaly

217.1640, 18.1601, 8.6262



Tritanomaly

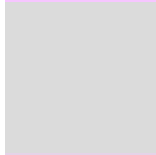
217.7930, 7.4971, 22.1065

Monochromacy



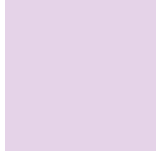
Original Color

218.8500, 17.8220, 23.8106



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.7760, 6.5194, 8.9664

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8500, 17.8220, 23.8106 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(246, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 198, 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(246, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 198, 255) }
```

Border

The CSS property to change the border of an element to YUV 218.8500, 17.8220, 23.8106 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(246, 198, 255) }
```


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

```
.border{ border-color:rgb(246, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 198,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 218.8500, 17.8220, 23.8106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 198, 255) }
```

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

```
.background{ background-color: rgb(246,  
198, 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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