

Converting Colors

YUV(233.5250, 10.5872,
10.9406)

Have a look what the booklet for
YUV(233.5250, 10.5872, 10.9406)
contains.

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Color

**YUV(233.5250, 10.5872,
10.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DFFF
RGB	246, 223, 255
RGB Percent	96%, 87%, 100%
CMY	0.0353, 0.1255, 0.0000
CMYK	0.04, 0.13, 0.00, 0.00
HSL	283°, 100%, 94%
HSV	283°, 13%, 100%
XYZ	82.4437, 79.5882, 105.6245
YIQ	233.5250, 3.4360, 14.8280

Conversions

Conversions Part 2

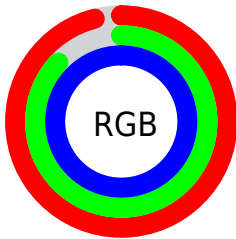
Format	Color
R _Y B	246, 223, 255
Decimal	16179199
CIE Lab	91.50, 13.48, -12.64
CIE LCh	91, 18.482, 316.848
Yxy	79.5882, 0.3080, 0.2974
Android (android.graphics.Color)	4294369279 (0xFFFF6DFFF)
YUV	233.5250, 10.5872, 10.9406
Hunter-Lab	89.2122, 8.8359, -7.7490

Details

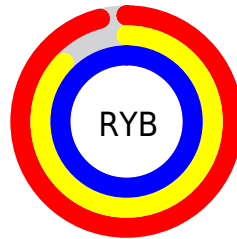
The YUV color $233.5250, 10.5872, 10.9406$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $244.4750, -10.5872, -10.9406$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.9980, 9.8610, 10.5258$ is the 20% darker color. If you saturate the color by 10%, you get $216.7570, 18.8538, 19.5071$, and if you desaturate by 10%, it is $250.8800, 2.0312, 1.8592$.

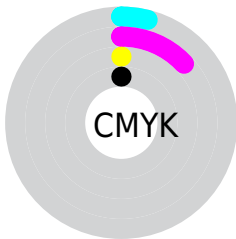
Distribution



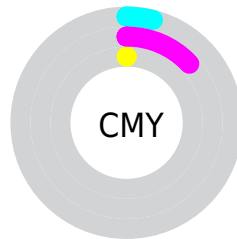
- Red (96%)
- Green (87%)
- Blue (100%)



- Red (96%)
- Yellow (87%)
- Blue (100%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.5250, 10.5872, 10.9406 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 233.5250, 10.5872, 10.9406 by changing the saturation by 10% instead.


 233.5250, 10.5872,
10.9406


 233.5250, 10.5872,
10.9406


255.0000, 0.0000,
0.0000

 205.1120, 10.2978,
10.4258

 177.9980, 9.8610,
10.5258

 150.6990, 10.0084,
9.9110

 125.1720, 9.2822,
9.4962

 100.1720, 9.2822,
9.4962

 76.3460, 8.7034,
8.4666

 53.2320, 8.2666,

8.5665

■ 31.5200, 8.1246,
7.4370

■ 9.6560, 8.5506,
10.8257

■ 233.5250, 10.5872,
10.9406

■ 233.5250, 10.5872,
10.9406

■ 216.7570, 18.8538,
19.5071

■ 250.8800, 2.0312,
1.8592

■ 199.4020, 27.4098,
28.5884

255.0000, 0.0000,
0.0000

■ 182.3350, 35.8238,
36.5402

■ 164.9800, 44.3799,
45.6215

■ 148.2120, 52.6465,
54.1881

■ 130.8570, 61.2025,
63.2694

■ 114.0890, 69.4691,
71.8359

■ 96.7340, 78.0251,
80.9173

■ 83.7870, 84.4080,
87.0098

Harmonies

Analogous

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



230.4690, 12.0938, -5.6733



233.5250, 10.5872, 10.9406



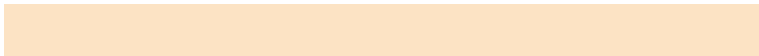
232.0440, 3.4293, 20.1324

Triad

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



233.5250, 10.5872, 10.9406



230.9410, -17.2259, 18.4687



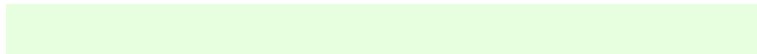
224.1420, 7.8180, -34.3275

Complementary

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



233.5250, 10.5872, 10.9406



244.4750, -10.5872, -10.9406

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.



225.3790, -1.6658, -25.7654



233.5250, 10.5872, 10.9406



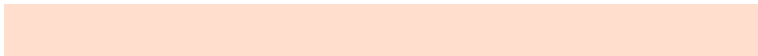
229.1950, -15.8721, 4.2140

Square

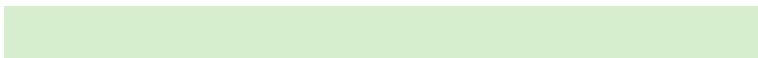
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.5250, 10.5872, 10.9406



229.9290, -12.2900, 21.9873



227.1760, -10.4398, -11.5554



225.2760, 14.6539, -33.5681

Rectangle

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



233.5250, 10.5872, 10.9406



230.0890, -1.5229, 21.8469



227.1760, -10.4398, -11.5554



224.3550, 4.7550, -31.8833

Sweetspot

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



233.5250, 10.5872, 10.9406



248.2330, 3.3361, 3.3037



231.9310, 11.3730, -7.8325



123.2930, 2.3206, 2.3740



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.



233.5250, 10.5872, 10.9406



229.4050, 12.6183, 12.7998



235.4180, 6.2029, 17.1734



119.1730, 4.3517, 4.2333



62.7370, 63.2337, 65.1287



21.0500, 21.1744, 21.8811

Inverse Universe

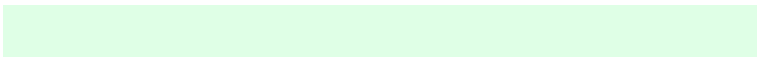
The Inverse Universe completely reimagines the original color for something new.



233.5940, -0.7858, 18.7731



229.6160, -0.7967, 22.2618



242.5820, -6.2029, -17.1734



119.2290, -0.6059, 7.6922



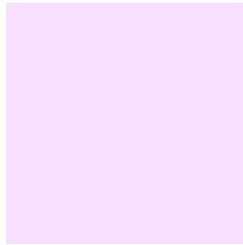
63.2650, -4.5676, 112.0236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 233.5250, 10.5872, 10.9406 looks on a white background.

Color Contrast Check

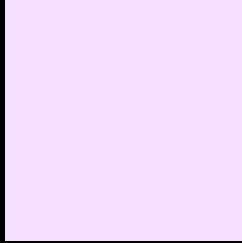
Large Text (above 18pt) WCAG AA × Fail

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 233.5250, 10.5872, 10.9406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

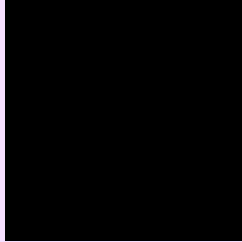
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

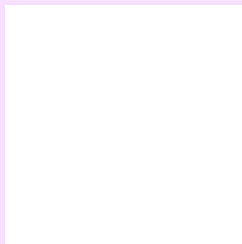
Any Text WCAG AAA ✓ Pass

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

YUV 233.5250, 10.5872, 10.9406 Background



This preview shows how black text looks on a background with the YUV color 233.5250, 10.5872, 10.9406.



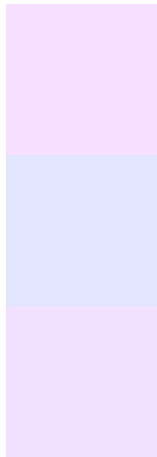
This preview shows how white text looks on a background with the YUV color 233.5250, 10.5872, 10.9406.

10.9406.

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

233.5250, 10.5872, 10.9406

Protanopia

231.3660, 11.6516, -3.8290

Deuteranopia

232.9160, 10.8874, 7.9667



Tritanopia

232.7330, 5.0616, 9.8812

Trichromacy



Original Color

233.5250, 10.5872, 10.9406

Protanomaly

232.2850, 11.1985, 1.5041

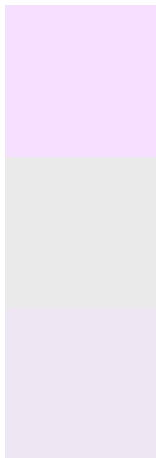
Deuteranomaly

233.2150, 10.7400, 8.5814

Tritanomaly

232.9010, 6.9508, 10.6108

Monochromacy



Original Color

233.5250, 10.5872, 10.9406

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.5250, 10.5872, 10.9406 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, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 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, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 255) }
```

Border

The CSS property to change the border of an element to YUV 233.5250, 10.5872, 10.9406 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, 223, 255) }
```


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

```
.border{ border-color:rgb(246, 223, 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, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 233.5250, 10.5872, 10.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 255) }
```

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

```
.background{ background-color: rgb(246,  
223, 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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