

# Converting Colors

YUV(225.9330, 11.8650,  
21.1068)

Have a look what the booklet for  
YUV(225.9330, 11.8650, 21.1068)  
contains.

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# Color

**YUV(225.9330, 11.8650,  
21.1068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD1FA
RGB	250, 209, 250
RGB Percent	98%, 82%, 98%
CMY	0.0196, 0.1804, 0.0196
CMYK	0.00, 0.16, 0.00, 0.02
HSL	300°, 80%, 90%
HSV	300°, 16%, 98%
XYZ	79.4801, 72.8270, 100.3105
YIQ	225.9330, 11.2750, 21.4430

# Conversions

## Conversions Part 2

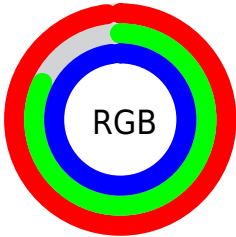
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 209, 250
Decimal	16437754
CIE Lab	88.37, 21.21, -14.67
CIE LCh	88, 25.788, 325.336
Yxy	72.8270, 0.3146, 0.2883
Android (android.graphics.Color)	4294627834 (0xFFFAD1FA)
YUV	225.9330, 11.8650, 21.1068
Hunter-Lab	85.3388, 16.9029, -9.9546

# Details

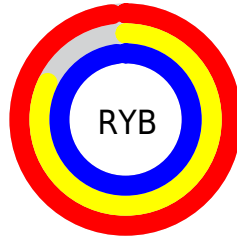
The YUV color **225.9330, 11.8650, 21.1068** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **233.0670, -11.8650, -21.1068**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **170.1070, 11.2862, 20.0772** is the 20% darker color. If you saturate the color by 10%, you get **211.2580, 19.0998, 33.9767**, and if you desaturate by 10%, it is **240.6080, 4.6303, 8.2368**.

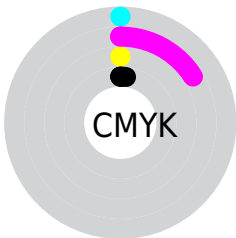
# Distribution



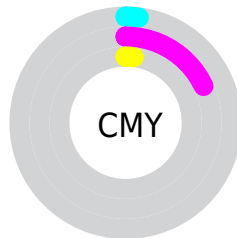
- Red (98%)
- Green (82%)
- Blue (98%)



- Red (98%)
- Yellow (82%)
- Blue (98%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 225.9330, 11.8650, 21.1068 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 225.9330, 11.8650, 21.1068 by changing the saturation by 10% instead.





 225.9330, 11.8650,  
21.1068


 225.9330, 11.8650,  
21.1068


255.0000, 0.0000,  
0.0000


 197.5200, 11.5756,  
20.5920

 170.1070, 11.2862,  
20.0772

 143.6940, 10.9969,  
19.5624

 117.9820, 10.8549,  
18.4328

 93.1560, 10.2761,  
17.4032

 69.1560, 10.2761,  
17.4032

 46.3300, 9.6973,

16.3736

■ 24.6180, 9.5553,  
15.2440

■ 8.7160, 7.5350,  
9.8961

■ 225.9330, 11.8650,  
21.1068

■ 225.9330, 11.8650,  
21.1068

■ 211.2580, 19.0998,  
33.9767

■ 240.6080, 4.6303,  
8.2368

■ 196.5830, 26.3346,  
46.8467

■ 252.9350, -1.4470,  
-2.5740

■ 181.9080, 33.5694,  
59.7167

■ 167.2330, 40.8041,  
72.5867

■ 152.5580, 48.0389,  
85.4566

■ 137.8830, 55.2737,  
98.3266

■ 123.2080, 62.5085,  
111.1966

■ 108.5330, 69.7432,  
124.0666

■ 103.2500, 72.3478,  
128.6997

# Harmonies

## Analogous

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



222.5280, 16.0087, -1.3401



225.9330, 11.8650, 21.1068



222.4580, 2.2392, 28.5393

# Triad

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



225.9330, 11.8650, 21.1068



221.2310, -23.7779, 19.9684



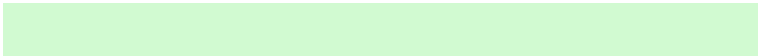
211.2800, 15.1450, -51.1116

# Complementary

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



225.9330, 11.8650, 21.1068



233.0670, -11.8650, -21.1068

# 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.



212.9040, 2.0193, -41.1348



225.9330, 11.8650, 21.1068



218.6090, -20.5132, -0.5341

# Square

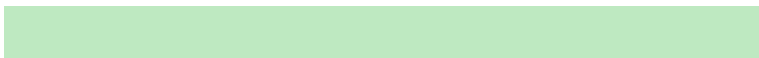
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



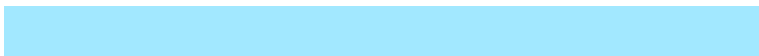
225.9330, 11.8650, 21.1068



220.8500, -19.1530, 29.9496



215.5830, -11.1334, -22.4363



213.6920, 20.3648, -45.3339



# Rectangle

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



225.9330, 11.8650, 21.1068



220.5200, -5.1864, 30.2390



215.5830, -11.1334, -22.4363



211.5530, 11.0664, -49.5970

# Sweetspot

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



225.9330, 11.8650, 21.1068



247.3690, 3.7621, 6.6924



213.6740, 17.9087, -4.0991



123.3040, 2.3151, 4.1184



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.



225.9330, 11.8650, 21.1068



225.0630, 14.7589, 26.2547



223.6530, 3.1291, 23.1063



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027



# Inverse Universe

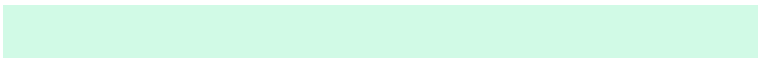
The Inverse Universe completely reimagines the original color for something new.



225.9330, 11.8650, 21.1068



225.0630, 14.7589, 26.2547



235.4610, -2.6923, -23.2063



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027



# Previews

## White Background



This preview shows how the YUV color 225.9330, 11.8650, 21.1068 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

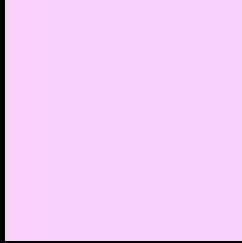
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.9330, 11.8650, 21.1068 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

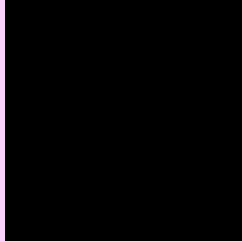
Any Text WCAG AA ✓ Pass

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 225.9330, 11.8650, 21.1068 Background



This preview shows how black text looks on a background with the YUV color 225.9330, 11.8650, 21.1068.



This preview shows how white text looks on a background with the YUV color 225.9330, 11.8650,



# 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

225.9330, 11.8650, 21.1068

### Protanopia

222.7940, 15.8776, -5.9583

### Deuteranopia

224.2470, 12.2032, 5.9224



## Tritanopia

224.9900, 1.9769, 19.3028

# Trichromacy



## Original Color

225.9330, 11.8650, 21.1068

## Protanomaly

223.8060, 14.3926, 3.6781

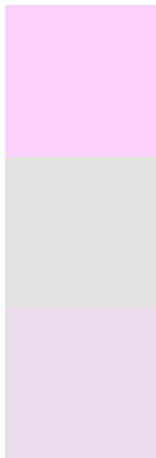
## Deuteranomaly

224.5790, 12.0396, 11.7702

## Tritanomaly

225.6140, 5.6133, 19.6325

# Monochromacy



## Original Color

225.9330, 11.8650, 21.1068

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

226.1950, 4.3409, 7.7220

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.9330, 11.8650, 21.1068 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(250, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 250)  
}
```

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(250, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 250) }
```

## Border

The CSS property to change the border of an element to YUV 225.9330, 11.8650, 21.1068 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(250, 209, 250) }
```



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

```
.border{ border-color:rgb(250, 209, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 225.9330, 11.8650, 21.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 250) }
```

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

```
.background{ background-color: rgb(250,  
209, 250) }
```

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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