

# Converting Colors

YUV(225.9920, 12.3289,  
12.2850)

Have a look what the booklet for  
YUV(225.9920, 12.3289, 12.2850)  
contains.

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# Color

**YUV(225.9920, 12.3289,  
12.2850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0D6FB
RGB	240, 214, 251
RGB Percent	94%, 84%, 98%
CMY	0.0588, 0.1608, 0.0157
CMYK	0.04, 0.15, 0.00, 0.02
HSL	282°, 82%, 91%
HSV	282°, 15%, 98%
XYZ	77.3943, 73.5834, 101.3907
YIQ	225.9920, 3.6190, 17.0190

# Conversions

## Conversions Part 2

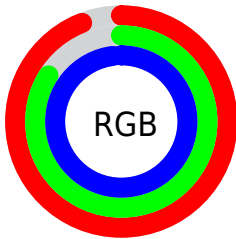
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 214, 251
Decimal	15783675
CIE Lab	88.73, 15.50, -14.74
CIE LCh	89, 21.392, 316.438
Yxy	73.5834, 0.3067, 0.2916
Android (android.graphics.Color)	4293973755 (0xFFF0D6FB)
YUV	225.9920, 12.3289, 12.2850
Hunter-Lab	85.7808, 10.9324, -10.0327

# Details

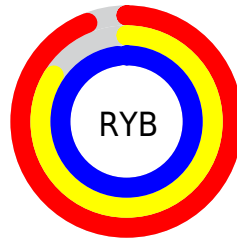
The YUV color **225.9920, 12.3289, 12.2850** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **239.0080, -12.3289, -12.2850**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **170.4650, 11.6028, 11.8702** is the 20% darker color. If you saturate the color by 10%, you get **209.2240, 20.5956, 20.8516**, and if you desaturate by 10%, it is **242.7600, 4.0623, 3.7185**.

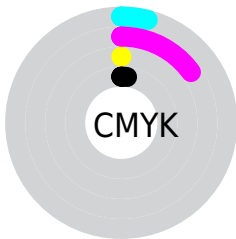
# Distribution



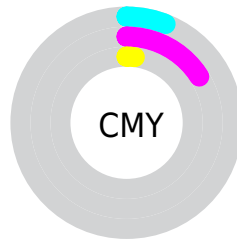
- Red (94%)
- Green (84%)
- Blue (98%)



- Red (94%)
- Yellow (84%)
- Blue (98%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)




- Cyan (6%)
- Magenta (16%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 225.9920, 12.3289, 12.2850 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 225.9920, 12.3289, 12.2850 by changing the saturation by 10% instead.





 225.9920, 12.3289,  
12.2850


 225.9920, 12.3289,  
12.2850


255.0000, 0.0000,  
0.0000


 197.8780, 11.8921,  
12.3850

 170.4650, 11.6028,  
11.8702

 144.0520, 11.3134,  
11.3554

 118.6390, 11.0240,  
10.8406

 93.2260, 10.7346,  
10.3258

 69.8130, 10.4452,  
9.8110

 47.2860, 9.7190,

9.3962

■ 26.1610, 9.2876,  
7.7518

■ 6.3240, 8.7143,  
4.9779

■ 225.9920, 12.3289,  
12.2850

■ 225.9920, 12.3289,  
12.2850

■ 209.2240, 20.5956,  
20.8516

■ 242.7600, 4.0623,  
3.7185

■ 192.1570, 29.0096,  
28.8033

■ 254.5440, -1.7472,  
0.3999

■ 175.3890, 37.2762,  
37.3698

■ 158.3220, 45.6903,  
45.3216

■ 141.5540, 53.9569,  
53.8881

■ 123.9000, 62.6603,  
62.3547

■ 107.1320, 70.9269,  
70.9212

■ 90.0650, 79.3410,  
78.8730

■ 81.2380, 83.6927,  
83.1063

# Harmonies

## Analogous

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



223.0820, 15.7356, -7.0879



225.9920, 12.3289, 12.2850



225.4900, 3.7024, 25.8803

# Triad

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



225.9920, 12.3289, 12.2850



223.0940, -19.2733, 21.8426



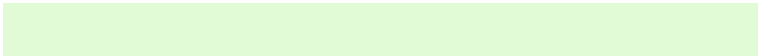
215.0380, 8.8553, -40.3753

# Complementary

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



225.9920, 12.3289, 12.2850



239.0080, -12.3289, -12.2850

# 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.



216.0580, -1.5076, -29.8689



225.9920, 12.3289, 12.2850



220.9240, -18.2035, 5.3287

# Square

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



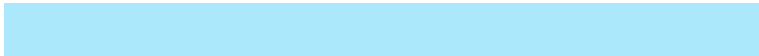
225.9920, 12.3289, 12.2850



222.8050, -14.2009, 28.2350



218.4100, -12.0341, -13.5146



216.0410, 17.7278, -39.5010



# Rectangle

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



225.9920, 12.3289, 12.2850



223.8940, -2.4127, 27.2800



218.4100, -12.0341, -13.5146



215.2510, 5.7923, -37.9311

# Sweetspot

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



225.9920, 12.3289, 12.2850



248.2330, 3.3361, 3.3037



224.6750, 12.9782, -9.3620



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.



225.9920, 12.3289, 12.2850



223.8120, 15.3757, 15.0739



228.4830, 7.6499, 19.7474



116.1730, 4.3517, 4.2333



61.3130, 62.9497, 62.8695



19.8110, 20.3062, 20.3368



# Inverse Universe

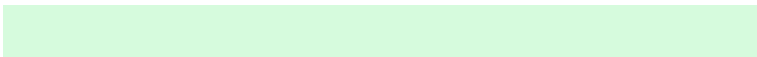
The Inverse Universe completely reimagines the original color for something new.



226.3170, -0.6493, 21.6470



224.3500, -0.6655, 26.8801



236.5170, -7.6499, -19.7474



116.3430, -0.1691, 7.5922



62.8950, -3.3992, 110.5941

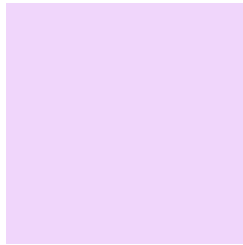


20.2910, -1.1295, 35.7018



# Previews

## White Background



This preview shows how the YUV color 225.9920, 12.3289, 12.2850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

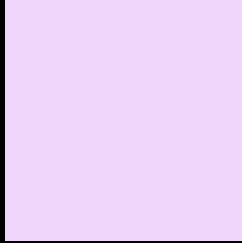
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.9920, 12.3289, 12.2850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

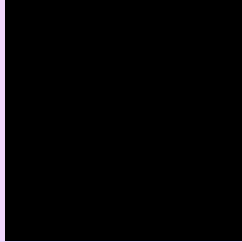
Any Text WCAG AA ✓ Pass

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 225.9920, 12.3289, 12.2850 Background



This preview shows how black text looks on a background with the YUV color 225.9920, 12.3289, 12.2850.



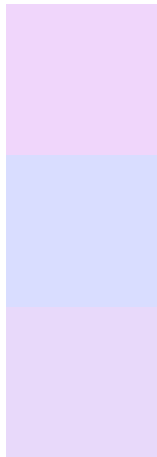
This preview shows how white text looks on a background with the YUV color 225.9920, 12.3289, 12.2850.

12.2850.

# 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

225.9920, 12.3289, 12.2850

### Protanopia

223.6800, 15.4408, -5.8584

### Deuteranopia

225.2470, 12.2032, 5.9224



## Tritanopia

224.9180, 4.4774, 10.5959

# Trichromacy



## Original Color

225.9920, 12.3289, 12.2850

## Protanomaly

224.1970, 14.6929, 0.7042

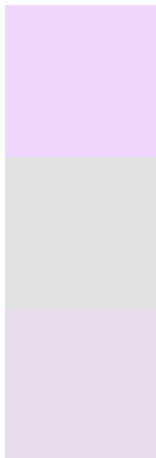
## Deuteranomaly

225.5570, 12.0504, 8.2815

## Tritanomaly

225.3140, 7.2402, 11.1256

# Monochromacy



## Original Color

225.9920, 12.3289, 12.2850

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

226.1730, 4.3517, 4.2333

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.9920, 12.3289, 12.2850 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(240, 214, 251)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 251)  
}
```

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(240, 214, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 251) }
```

## Border

The CSS property to change the border of an element to YUV 225.9920, 12.3289, 12.2850 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(240, 214, 251) }
```



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

```
.border{ border-color:rgb(240, 214, 251) }
```

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

Here you see how a box with a 4 pixel rgb(240, 214, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 251);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 225.9920, 12.3289, 12.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 251) }
```

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

```
.background{ background-color: rgb(240,  
214, 251) }
```

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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