

# Converting Colors

YUV(235.6290, 9.5499, 16.9884)

Have a look what the booklet for  
YUV(235.6290, 9.5499, 16.9884)  
contains.

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# Color

**YUV(235.6290, 9.5499,  
16.9884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDEFF
RGB	255, 222, 255
RGB Percent	100%, 87%, 100%
CMY	0.0000, 0.1294, 0.0000
CMYK	0.00, 0.13, 0.00, 0.00
HSL	300°, 100%, 94%
HSV	300°, 13%, 100%
XYZ	85.4113, 80.7226, 105.6871
YIQ	235.6290, 9.0750, 17.2590

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 222, 255
Decimal	16768767
CIE Lab	92.01, 16.95, -11.80
CIE LCh	92, 20.651, 325.143
Yxy	80.7226, 0.3142, 0.2970
Android (android.graphics.Color)	4294958847 (0xFFFFDEFF)
YUV	235.6290, 9.5499, 16.9884
Hunter-Lab	89.8457, 12.4599, -6.8518

# Details

The YUV color  $235.6290, 9.5499, 16.9884$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $241.3710, -9.5499, -16.9884$ , and the grayscale version is  $236.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $179.8030, 8.9711, 15.9588$  is the 20% darker color. If you saturate the color by 10%, you get  $220.9540, 16.7847, 29.8583$ , and if you desaturate by 10%, it is  $250.8910, 2.0257, 3.6036$ .

# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 235.6290, 9.5499, 16.9884 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 235.6290, 9.5499, 16.9884 by changing the saturation by 10% instead.



 235.6290, 9.5499,  
16.9884

 235.6290, 9.5499,  
16.9884


255.0000, 0.0000,  
0.0000


 207.2160, 9.2605,  
16.4736

 179.8030, 8.9711,  
15.9588

 152.8030, 8.9711,  
15.9588

 126.9770, 8.3923,  
14.9292

 101.6780, 8.5397,  
14.3144

 77.2650, 8.2504,  
13.7996

 54.4390, 7.6716,

12.7700

■ 33.0260, 7.3822,  
12.2552

■ 11.4500, 7.6662,  
14.5144

■ 235.6290, 9.5499,  
16.9884

■ 235.6290, 9.5499,  
16.9884

■ 220.9540, 16.7847,  
29.8583

■ 250.8910, 2.0257,  
3.6036

■ 205.6920, 24.3088,  
43.2431

255.0000, 0.0000,  
0.0000

■ 191.0170, 31.5436,  
56.1131

■ 175.7550, 39.0678,  
69.4979

■ 161.0800, 46.3026,  
82.3678

■ 145.8180, 53.8267,  
95.7526

■ 131.1430, 61.0615,  
108.6226

■ 115.8810, 68.5857,  
122.0074

■ 105.3150, 73.7947,  
131.2737

# Harmonies

## Analogous

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



232.2740, 11.2039, -0.2403



235.6290, 9.5499, 16.9884



231.7020, 2.1189, 20.4323

# Triad

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



235.6290, 9.5499, 16.9884



232.0610, -19.2571, 16.6095



224.7330, 11.4706, -39.2308

# Complementary

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



235.6290, 9.5499, 16.9884



241.3710, -9.5499, -16.9884

# 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.



225.4320, 1.2660, -32.8279



235.6290, 9.5499, 16.9884



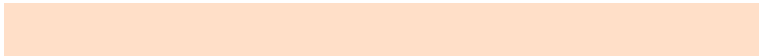
229.6460, -16.5875, 0.3105

# Square

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



235.6290, 9.5499, 16.9884



229.9460, -14.7634, 21.9724



227.1860, -8.9657, -17.7031



225.5640, 14.5119, -34.6976



# Rectangle

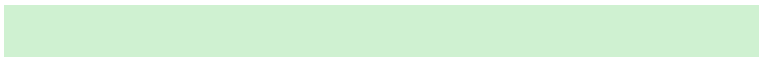
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.6290, 9.5499, 16.9884



229.6330, -3.2701, 22.2469



227.1860, -8.9657, -17.7031



224.9350, 8.4130, -38.5310

# Sweetspot

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



235.6290, 9.5499, 16.9884



249.1300, 2.8939, 5.1480



225.7620, 14.4143, -3.2993



123.8910, 2.0257, 3.6036



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.



235.6290, 9.5499, 16.9884



230.9330, 11.8650, 21.1068



233.8050, 2.5611, 18.5880



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471



# Inverse Universe

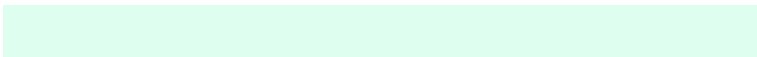
The Inverse Universe completely reimagines the original color for something new.



235.6290, 9.5499, 16.9884



230.9330, 11.8650, 21.1068



243.3090, -2.1243, -18.6880



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471



# Previews

## White Background



This preview shows how the YUV color 235.6290, 9.5499, 16.9884 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

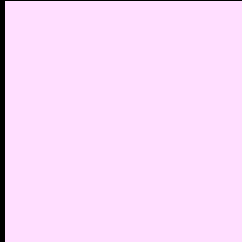
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 235.6290, 9.5499, 16.9884 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

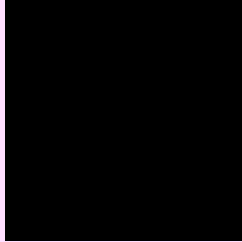
Any Text WCAG AA ✓ Pass

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 235.6290, 9.5499, 16.9884 Background



This preview shows how black text looks on a background with the YUV color 235.6290, 9.5499, 16.9884.



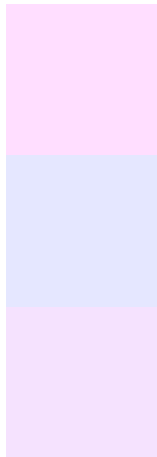
This preview shows how white text looks on a background with the YUV color 235.6290, 9.5499,

16.9884.

# 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

235.6290, 9.5499, 16.9884

### Protanopia

233.1380, 10.7780, -3.6290

### Deuteranopia

234.8730, 9.4296, 8.8814



## Tritanopia

234.7230, 3.5876, 16.0289

# Trichromacy



## Original Color

235.6290, 9.5499, 16.9884

## Protanomaly

234.0680, 10.3195, 3.4484

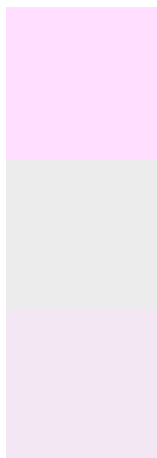
## Deuteranomaly

235.4820, 9.1294, 11.8553

## Tritanomaly

235.0050, 5.9135, 16.6586

# Monochromacy



## Original Color

235.6290, 9.5499, 16.9884

## Achromatopsia

236.0000, 0.0000, 0.0000

## Achromatomaly

235.9560, 3.4727, 6.1776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 235.6290, 9.5499, 16.9884 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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(255, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 255) }
```

## Border

The CSS property to change the border of an element to YUV 235.6290, 9.5499, 16.9884 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, 222, 255) }
```



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

```
.border{ border-color:rgb(255, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 235.6290, 9.5499, 16.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 255) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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