

# Converting Colors

YUV(223.5520, -3.7231,  
27.5799)

Have a look what the booklet for  
YUV(223.5520, -3.7231, 27.5799)  
contains.

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# Color

**YUV(223.5520, -3.7231,  
27.5799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD1D8
RGB	255, 209, 216
RGB Percent	100%, 82%, 85%
CMY	0.0000, 0.1804, 0.1529
CMYK	0.00, 0.18, 0.15, 0.00
HSL	351°, 100%, 91%
HSV	351°, 18%, 100%
XYZ	76.4351, 71.8188, 74.7996
YIQ	223.5520, 25.1690, 11.9290

# Conversions

## Conversions Part 2

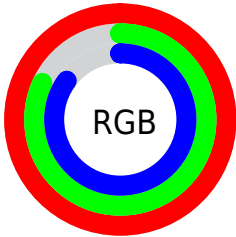
Format	Color
R <sub>Y</sub> B	255, 209, 216
Decimal	16765400
CIE Lab	87.88, 17.20, 2.63
CIE LCh	88, 17.403, 8.704
Yxy	71.8188, 0.3427, 0.3220
Android (android.graphics.Color)	4294955480 (0xFFFFD1D8)
YUV	223.5520, -3.7231, 27.5799
Hunter-Lab	84.7460, 12.6895, 6.9909

# Details

The YUV color  $223.5520, -3.7231, 27.5799$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $240.4480, 3.7231, -27.5799$ , and the grayscale version is  $224.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $167.9540, -3.4283, 26.3503$  is the 20% darker color. If you saturate the color by 10%, you get  $205.7820, -5.8085, 43.1642$ , and if you desaturate by 10%, it is  $241.3220, -1.6377, 11.9956$ .

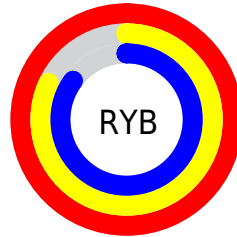
# Distribution



Red (100%)

Green (82%)

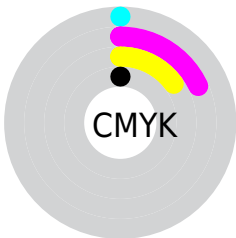
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

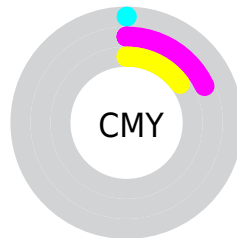


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 223.5520, -3.7231, 27.5799 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 223.5520, -3.7231, 27.5799 by changing the saturation by 10% instead.




 223.5520, -3.7231,  
27.5799

 223.5520, -3.7231,  
27.5799


255.0000, 0.0000,  
0.0000


 195.2530, -3.5757,  
26.9651

 167.9540, -3.4283,  
26.3503

 141.3560, -3.1335,  
25.1208

 115.7580, -2.8387,  
23.8912

 91.0460, -2.9807,  
22.7617

 67.4480, -2.6859,  
21.5321

 44.9640, -1.9543,

20.2026

■ 23.0670, -1.5120,  
18.3582

■ 5.6810, -2.8007,  
11.6808

■ 223.5520, -3.7231,  
27.5799

■ 223.5520, -3.7231,  
27.5799

■ 205.7820, -5.8085,  
43.1642

■ 241.3220, -1.6377,  
11.9956

■ 188.7130, -7.7465,  
58.1337

255.0000, 0.0000,  
0.0000

■ 170.9430, -9.8319,  
73.7180

■ 153.8740,  
-11.7699, 88.6875

■ 136.6910,  
-14.1447, 103.7570

■ 118.9210,  
-16.2301, 119.3413

■ 101.2650,  
-17.8786, 134.8256

■ 84.0820, -20.2534,  
149.8951

■ 80.6910, -20.5537,  
152.8690

# Harmonies

## Analogous

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



223.3860, 4.7397, 19.8325



223.5520, -3.7231, 27.5799



222.6030, -11.1433, 27.5352

# Triad

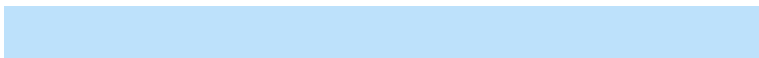
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.5520, -3.7231, 27.5799



217.5680, -11.6190, -6.6371



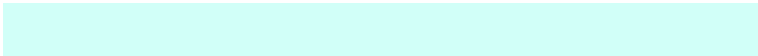
217.2000, 16.6634, -24.7314

# Complementary

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



223.5520, -3.7231, 27.5799



240.4480, 3.7231, -27.5799

# 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.



215.0050, 12.3225, -32.4534



223.5520, -3.7231, 27.5799



215.5430, -3.7187, -20.6472

# Square

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



223.5520, -3.7231, 27.5799



219.6300, -15.5936, 8.2175



214.4800, 5.1864, -30.2390



220.1740, 16.1832, -10.6766



# Rectangle

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



223.5520, -3.7231, 27.5799



222.0710, -14.3320, 23.6167



214.4800, 5.1864, -30.2390



216.5370, 15.5113, -28.5349

# Sweetspot

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



223.5520, -3.7231, 27.5799



246.1150, -1.0427, 7.7921



225.6060, 14.4912, 18.7625



122.5060, -0.7425, 4.8182



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

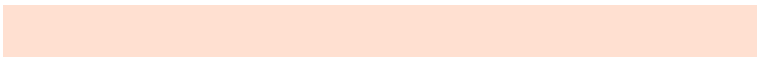
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.5520, -3.7231, 27.5799



216.6560, -4.7604, 33.6277



231.5590, -11.1216, 20.5578



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459



# Inverse Universe

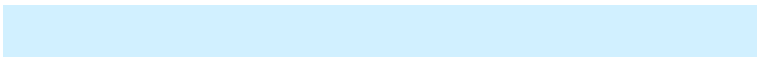
The Inverse Universe completely reimagines the original color for something new.



223.5520, -3.7231, 27.5799



216.6560, -4.7604, 33.6277



232.4410, 11.1216, -20.5578



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459



# Previews

## White Background



This preview shows how the YUV color 223.5520, -3.7231, 27.5799 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

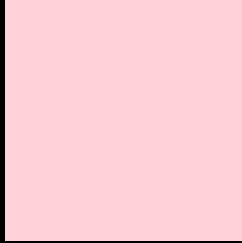
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 223.5520, -3.7231, 27.5799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

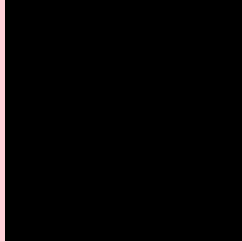
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 223.5520, -3.7231, 27.5799

## Background



This preview shows how black text looks on a background with the YUV color 223.5520, -3.7231, 27.5799.



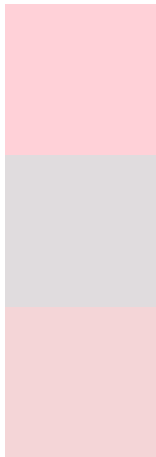
This preview shows how white text looks on a background with the YUV color 223.5520, -3.7231,



# 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

223.5520, -3.7231, 27.5799

### Protanopia

221.4240, 0.2840, 2.2592

### Deuteranopia

222.4970, -3.6960, 18.8581



## Tritanopia

223.8770, 0.0606, 27.2949

# Trichromacy



## Original Color

223.5520, -3.7231, 27.5799

## Protanomaly

222.1370, -1.0535, 11.2809

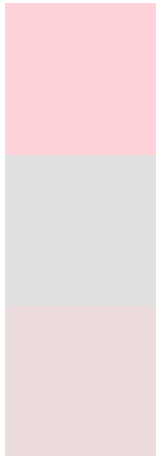
## Deuteranomaly

223.1060, -3.9963, 21.8320

## Tritanomaly

223.5350, -1.2498, 27.5948

# Monochromacy



## Original Color

223.5520, -3.7231, 27.5799

## Achromatopsia

224.0000, 0.0000, 0.0000

## Achromatomaly

224.0120, -1.4849, 9.6365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 223.5520, -3.7231, 27.5799 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, 209, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 216)  
}
```

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, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 216) }
```

## Border

The CSS property to change the border of an element to YUV 223.5520, -3.7231, 27.5799 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, 209, 216) }
```



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

```
.border{ border-color:rgb(255, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 223.5520, -3.7231, 27.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 216) }
```

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

```
.background{ background-color: rgb(255,  
209, 216) }
```

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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