

Converting Colors

YUV(222.5550, 5.1494, 28.4543)

Have a look what the booklet for
YUV(222.5550, 5.1494, 28.4543)
contains.

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Color

**YUV(222.5550, 5.1494,
28.4543)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE9
RGB	255, 204, 233
RGB Percent	100%, 80%, 91%
CMY	0.0000, 0.2000, 0.0863
CMYK	0.00, 0.20, 0.09, 0.00
HSL	326°, 100%, 90%
HSV	326°, 20%, 100%
XYZ	77.5408, 70.3289, 86.5788
YIQ	222.5550, 21.0870, 19.8310

Conversions

Conversions Part 2

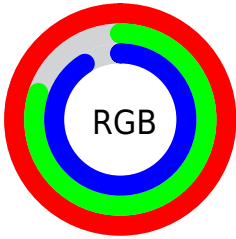
Format	Color
R_{YB}	255, 204, 233
Decimal	16764137
CIE _{Lab}	87.16, 22.55, -7.43
CIE _{LCh}	87, 23.744, 341.766
Yxy	70.3289, 0.3307, 0.3000
Android (android.graphics.Color)	4294954217 (0xFFFFCCE9)
YUV	222.5550, 5.1494, 28.4543
Hunter-Lab	83.8623, 18.2857, -2.5069

Details

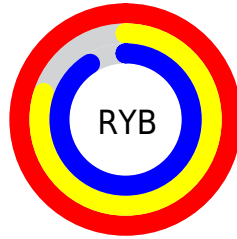
The YUV color $222.5550, 5.1494, 28.4543$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $236.4450, -5.1494, -28.4543$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.4300, 4.7180, 26.8099$ is the 20% darker color. If you saturate the color by 10%, you get $206.6260, 7.5794, 42.4240$, and if you desaturate by 10%, it is $239.0710, 2.4300, 13.9697$.

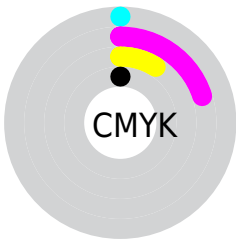
Distribution



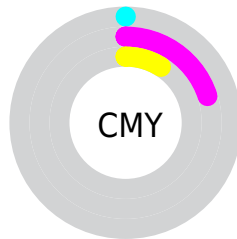
- Red (100%)
- Green (80%)
- Blue (91%)



- Red (100%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 222.5550, 5.1494, 28.4543 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 222.5550, 5.1494, 28.4543 by changing the saturation by 10% instead.

 222.5550, 5.1494,
28.4543

 222.5550, 5.1494,
28.4543


255.0000, 0.0000,
0.0000

 194.2560, 5.2968,
27.8395

 167.4300, 4.7180,
26.8099

 140.2450, 5.3022,
26.0951

 114.5330, 5.1602,
24.9656

 89.8210, 5.0182,
23.8360

 66.1090, 4.8763,
22.7064

 43.3970, 4.7343,

21.5768

■ 20.6250, 5.6079,
21.3769

■ 7.0770, -0.0380,
12.2105

■ 222.5550, 5.1494,
28.4543

■ 222.5550, 5.1494,
28.4543

■ 206.6260, 7.5794,
42.4240

■ 239.0710, 2.4300,
13.9697

■ 190.1100, 10.2988,
56.9085

255.0000, 0.0000,
0.0000

■ 174.1810, 12.7288,
70.8783

■ 157.6650, 15.4482,
85.3628

■ 141.7360, 17.8782,
99.3325

■ 125.2200, 20.5975,
113.8171

■ 108.7040, 23.3169,
128.3016

■ 92.7750, 25.7469,
142.2713

Harmonies

Analogous

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



221.6650, 14.9552, 9.9408



222.5550, 5.1494, 28.4543



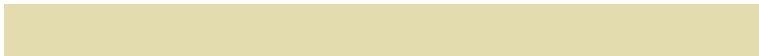
218.7590, -4.3182, 31.7834

Triad

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



222.5550, 5.1494, 28.4543



216.5500, -20.9772, 8.2876



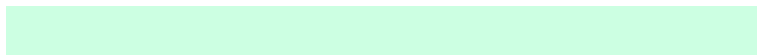
209.9370, 18.7651, -45.5487

Complementary

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



222.5550, 5.1494, 28.4543



236.4450, -5.1494, -28.4543

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.



209.0160, 8.8661, -43.8640



222.5550, 5.1494, 28.4543



213.7370, -14.6603, -11.1703

Square

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



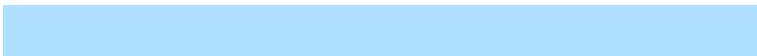
222.5550, 5.1494, 28.4543



218.6600, -21.0314, 25.7312



210.8900, -3.3968, -30.5985



213.1820, 20.6163, -32.6086

Rectangle

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



222.5550, 5.1494, 28.4543



218.3370, -11.0121, 32.1535



210.8900, -3.3968, -30.5985



209.4270, 15.5655, -45.9785

Sweetspot

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



222.5550, 5.1494, 28.4543



245.3970, 1.2833, 8.4218



216.0930, 19.1812, 7.8114



122.2610, 0.8573, 5.0331



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.



222.5550, 5.1494, 28.4543



216.2290, 6.2961, 34.0022



219.7050, -5.7706, 30.9537



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Inverse Universe

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



222.5550, 5.1494, 28.4543



216.2290, 6.2961, 34.0022



239.2950, 5.7706, -30.9537



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 222.5550, 5.1494, 28.4543 looks on a white background.

Color Contrast Check

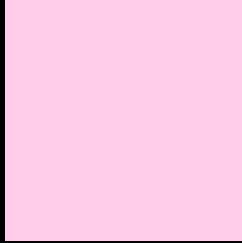
Large Text (above 18pt) WCAG AA × Fail

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 222.5550, 5.1494, 28.4543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

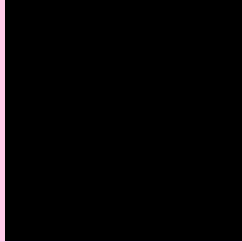
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.5550, 5.1494, 28.4543

Background



This preview shows how black text looks on a background with the YUV color 222.5550, 5.1494, 28.4543.



This preview shows how white text looks on a background with the YUV color 222.5550, 5.1494,

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

222.5550, 5.1494, 28.4543

Protanopia

219.4370, 10.6306, -3.0142

Deuteranopia

220.7440, 5.0562, 11.6255



Tritanopia

222.1760, -0.0868, 27.9096

Trichromacy



Original Color

222.5550, 5.1494, 28.4543

Protanomaly

220.3460, 8.7034, 8.4666

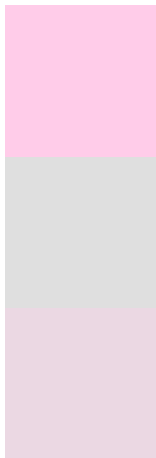
Deuteranomaly

221.4890, 5.1819, 17.9881

Tritanomaly

222.0450, 1.9498, 28.0245

Monochromacy



Original Color

222.5550, 5.1494, 28.4543

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.9350, 2.0040, 10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5550, 5.1494, 28.4543 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, 204, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 233)  
}
```

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, 204, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 233) }
```

Border

The CSS property to change the border of an element to YUV 222.5550, 5.1494, 28.4543 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, 204, 233) }
```


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

```
.border{ border-color:rgb(255, 204, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 222.5550, 5.1494, 28.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 233) }
```

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

```
.background{ background-color: rgb(255,  
204, 233) }
```

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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