

Converting Colors

YUV(229.5530, -8.6536,
22.3170)

Have a look what the booklet for
YUV(229.5530, -8.6536, 22.3170)
contains.

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Color

**YUV(229.5530, -8.6536,
22.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD4
RGB	255, 220, 212
RGB Percent	100%, 86%, 83%
CMY	0.0000, 0.1373, 0.1686
CMYK	0.00, 0.14, 0.17, 0.00
HSL	11°, 100%, 92%
HSV	11°, 17%, 100%
XYZ	78.7169, 77.1999, 73.0396
YIQ	229.5530, 23.4280, 4.9320

Conversions

Conversions Part 2

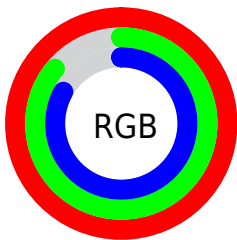
Format	Color
R _Y B	255, 222, 212
Decimal	16768212
CIE Lab	90.41, 10.87, 8.39
CIE LCh	90, 13.733, 37.681
Yxy	77.1999, 0.3438, 0.3372
Android (android.graphics.Color)	4294958292 (0xFFFFDCD4)
YUV	229.5530, -8.6536, 22.3170
Hunter-Lab	87.8635, 6.1571, 12.2175

Details

The YUV color $229.5530, -8.6536, 22.3170$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.4470, 8.6536, -22.3170$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.9550, -8.3588, 21.0875$ is the 20% darker color. If you saturate the color by 10%, you get $214.3760, -13.4964, 35.6272$, and if you desaturate by 10%, it is $244.8440, -3.3741, 8.9068$.

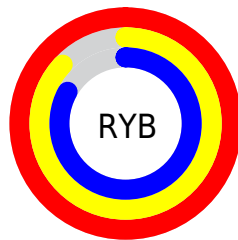
Distribution



Red (100%)

Green (86%)

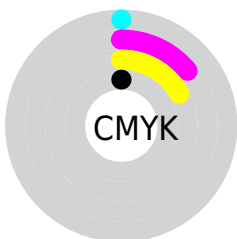
Blue (83%)



Red (100%)

Yellow (87%)

Blue (83%)

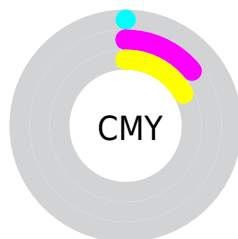


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.5530, -8.6536, 22.3170 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 229.5530, -8.6536, 22.3170 by changing the saturation by 10% instead.

229.5530, -8.6536,
22.3170

229.5530, -8.6536,
22.3170

255.0000, 0.0000,
0.0000

201.2540, -8.5062,
21.7022

173.9550, -8.3588,
21.0875

147.3570, -8.0640,
19.8579

121.4710, -7.6272,
19.7579

96.5740, -7.1850,
17.9136

72.3890, -6.6008,
17.1988

49.7910, -6.3060,

15.9693

■ 28.3070, -5.5744,
14.6398

■ 7.1760, -3.5378,
14.7546

■ 229.5530, -8.6536,
22.3170

■ 229.5530, -8.6536,
22.3170

■ 214.3760,
-13.4964, 35.6272

■ 244.8440, -3.3741,
8.9068

■ 199.0850,
-18.7759, 49.0375

255.0000, 0.0000,
0.0000

■ 184.4950,
-23.9080, 61.8329

■ 169.2040,
-29.1876, 75.2431

■ 154.0270,
-34.0303, 88.5533

■ 138.7360,
-39.3098, 101.9635

■ 124.0320,
-44.8788, 114.8589

■ 108.8550,
-49.7215, 128.1692

■ 103.8340,
-51.1902, 132.5726

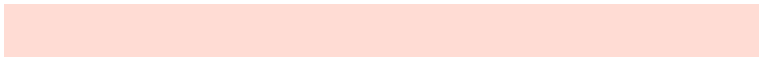
Harmonies

Analogous

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



230.4480, -2.6859, 21.5321



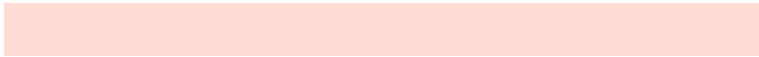
229.5530, -8.6536, 22.3170



228.3090, -11.9843, 17.2690

Triad

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



229.5530, -8.6536, 22.3170



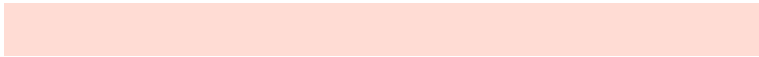
223.6900, -3.2982, -15.5141



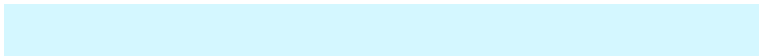
227.2730, 12.6834, -8.1324

Complementary

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



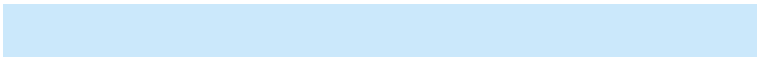
229.5530, -8.6536, 22.3170



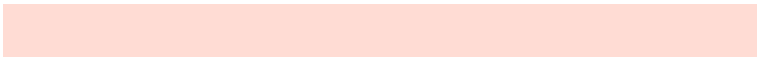
237.4470, 8.6536, -22.3170

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.



225.4950, 12.5740, -19.7281



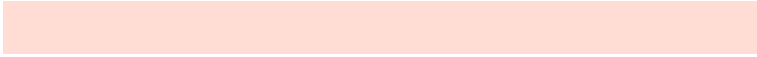
229.5530, -8.6536, 22.3170



222.8830, 4.0017, -23.5764

Square

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



229.5530, -8.6536, 22.3170



225.5620, -9.1511, -4.8779



223.3650, 9.6801, -24.8761



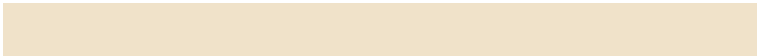
229.1390, 9.2985, 4.2631

Rectangle

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



229.5530, -8.6536, 22.3170



227.3360, -12.9836, 11.1063



223.3650, 9.6801, -24.8761



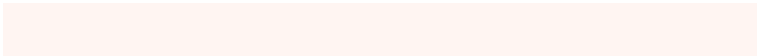
226.9520, 12.8417, -12.2359

Sweetspot

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



229.5530, -8.6536, 22.3170



247.6480, -2.7845, 6.4477



228.8470, 8.9494, 22.9362



122.9790, -1.4686, 4.4034



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.



229.5530, -8.6536, 22.3170



224.5320, -10.1223, 26.7204



241.8800, -14.7308, 11.5062



120.0610, -2.4951, 6.9625



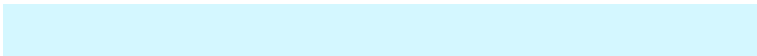
78.2410, -38.5728, 98.8896



26.1800, -12.9067, 33.1681

Inverse Universe

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



237.4470, 8.6536, -22.3170



234.4680, 10.1223, -26.7204



225.1200, 14.7308, -11.5062



122.3520, 2.7845, -6.4477



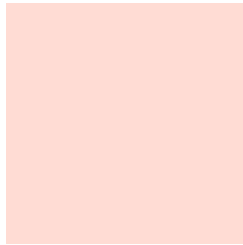
113.3460, 38.2834, -99.4044



37.8200, 12.9067, -33.1681

Previews

White Background



This preview shows how the YUV color 229.5530, -8.6536, 22.3170 looks on a white background.

Color Contrast Check

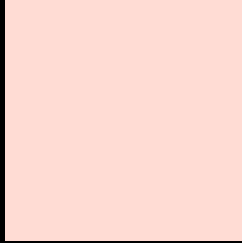
Large Text (above 18pt) WCAG AA × Fail

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 229.5530, -8.6536, 22.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

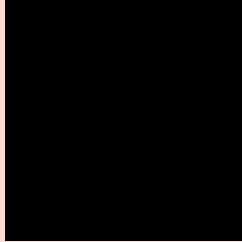
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

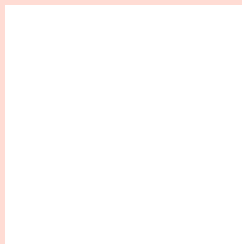
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.5530, -8.6536, 22.3170

Background



This preview shows how black text looks on a background with the YUV color 229.5530, -8.6536, 22.3170.

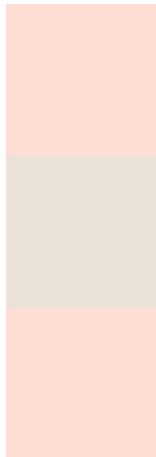


This preview shows how white text looks on a background with the YUV color 229.5530, -8.6536,

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

229.5530, -8.6536, 22.3170

Protanopia

228.1380, -5.9840, 6.0180

Deuteranopia

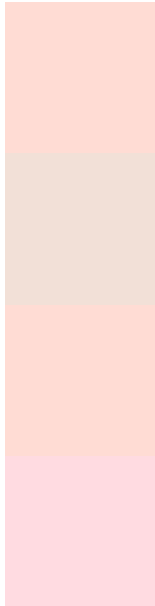
229.5530, -8.6536, 22.3170



Tritanopia

230.7730, 1.0979, 21.2471

Trichromacy



Original Color

229.5530, -8.6536, 22.3170

Protanomaly

228.3560, -6.5845, 11.9658

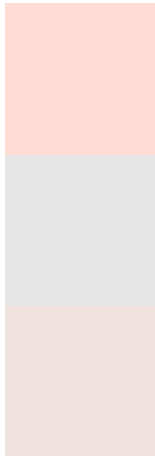
Deuteranomaly

229.5530, -8.6536, 22.3170

Tritanomaly

230.4480, -2.6859, 21.5321

Monochromacy



Original Color

229.5530, -8.6536, 22.3170

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.5450, -3.2267, 8.2920

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.5530, -8.6536, 22.3170 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, 220, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 212)  
}
```

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, 220, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 212) }
```

Border

The CSS property to change the border of an element to YUV 229.5530, -8.6536, 22.3170 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, 220, 212) }
```


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

```
.border{ border-color:rgb(255, 220, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 229.5530, -8.6536, 22.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 212) }
```

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

```
.background{ background-color: rgb(255,  
220, 212) }
```

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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