

Converting Colors

YUV(221.6770, -3.2918,
29.2243)

Have a look what the booklet for
YUV(221.6770, -3.2918, 29.2243)
contains.

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Color

**YUV(221.6770, -3.2918,
29.2243)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFCED7
RGB	255, 206, 215
RGB Percent	100%, 81%, 84%
CMY	0.0000, 0.1922, 0.1569
CMYK	0.00, 0.19, 0.16, 0.00
HSL	349°, 100%, 90%
HSV	349°, 19%, 100%
XYZ	75.5770, 70.3089, 73.8776
YIQ	221.6770, 26.3150, 13.1870

Conversions

Conversions Part 2

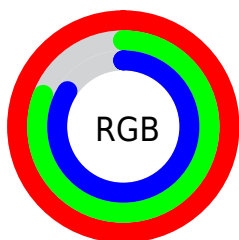
Format	Color
RYB	255, 206, 215
Decimal	16764631
CIELab	87.15, 18.62, 2.10
CIELCh	87, 18.734, 6.429
Yxy	70.3089, 0.3439, 0.3199
Android (android.graphics.Color)	4294954711 (0xFFFFCED7)
YUV	221.6770, -3.2918, 29.2243
Hunter-Lab	83.8504, 14.1495, 6.4570

Details

The YUV color $221.6770, -3.2918, 29.2243$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $239.3230, 3.2918, -29.2243$, 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 $166.6660, -3.2863, 27.4799$ is the 20% darker color. If you saturate the color by 10%, you get $204.0210, -4.9404, 44.7086$, and if you desaturate by 10%, it is $239.3330, -1.6432, 13.7400$.

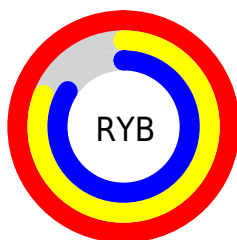
Distribution



Red (100%)

Green (81%)

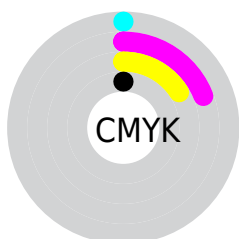
Blue (84%)



Red (100%)

Yellow (81%)

Blue (84%)

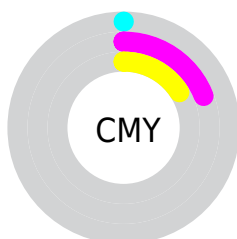


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation

Gradients

These gradients show how the YUV color 221.6770, -3.2918, 29.2243 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 221.6770, -3.2918, 29.2243 by changing the saturation by 10% instead.

 221.6770, -3.2918,
29.2243

 221.6770, -3.2918,
29.2243


255.0000, 0.0000,
0.0000


 193.3780, -3.1444,
28.6095

 166.6660, -3.2863,
27.4799

 139.4810, -2.7021,
26.7652

 113.8830, -2.4073,
25.5356

 89.2850, -2.1125,
24.3061

 65.6870, -1.8177,
23.0765

 42.7900, -1.3755,

21.2322

21.1920, -1.0807,
20.0026

4.7840, -2.3585,
9.8364

221.6770, -3.2918,
29.2243

221.6770, -3.2918,
29.2243

204.0210, -4.9404,
44.7086

239.3330, -1.6432,
13.7400

186.9520, -6.8783,
59.6781

255.0000, 0.0000,
0.0000

169.9970, -8.3795,
74.5476

152.3410,
-10.0281, 90.0319

■ 135.2720,
-11.9661, 105.0015

■ 117.6160,
-13.6147, 120.4858

■ 99.9600, -15.2633,
135.9701

■ 82.8910, -17.2013,
150.9396

■ 81.6030, -17.0593,
152.0692

Harmonies

Analogous

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



221.9130, 5.4659, 20.2473



221.6770, -3.2918, 29.2243



220.9130, -11.2961, 29.8943

Triad

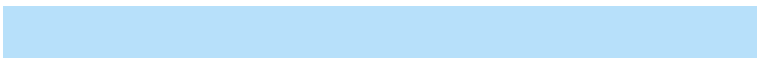
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.6770, -3.2918, 29.2243



215.2260, -12.9294, -6.3372



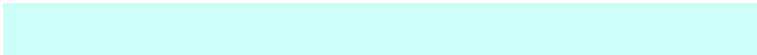
214.7050, 17.4004, -27.8053

Complementary

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



221.6770, -3.2918, 29.2243



239.3230, 3.2918, -29.2243

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.



212.5100, 13.0596, -35.5273



221.6770, -3.2918, 29.2243



213.0160, -4.4449, -21.0620

Square

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



221.6770, -3.2918, 29.2243



217.2990, -16.9094, 10.2618



212.0560, 4.9024, -32.4981



218.3910, 17.0622, -12.6209

Rectangle

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



221.6770, -3.2918, 29.2243



219.8540, -15.2110, 25.5610



212.0560, 4.9024, -32.4981



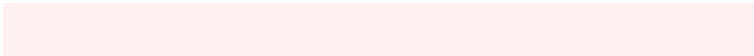
213.4550, 16.5377, -31.0940

Sweetspot

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



221.6770, -3.2918, 29.2243



244.8270, -0.9007, 8.9217



223.2470, 15.6542, 19.0774



121.8050, -0.8899, 5.4330



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

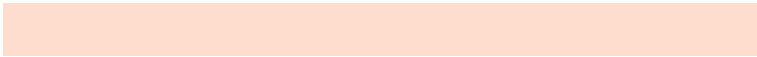
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.6770, -3.2918, 29.2243



214.8950, -3.8922, 35.1721



229.4560, -11.5638, 22.4021



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Inverse Universe

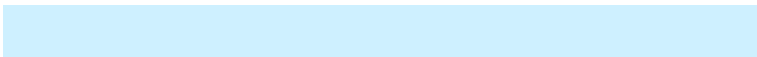
The Inverse Universe completely reimagines the original color for something new.



221.6770, -3.2918, 29.2243



214.8950, -3.8922, 35.1721



231.5440, 11.5638, -22.4021



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 221.6770, -3.2918, 29.2243 looks on a white background.

Color Contrast Check

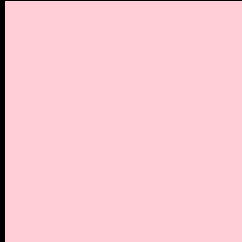
Large Text (above 18pt) WCAG AA × Fail

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 221.6770, -3.2918, 29.2243 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 221.6770, -3.2918, 29.2243

Background



This preview shows how black text looks on a background with the YUV color 221.6770, -3.2918, 29.2243.

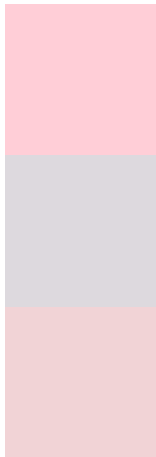


This preview shows how white text looks on a background with the YUV color 221.6770, -3.2918,

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

221.6770, -3.2918, 29.2243

Protanopia

218.7660, 1.5944, 1.9592

Deuteranopia

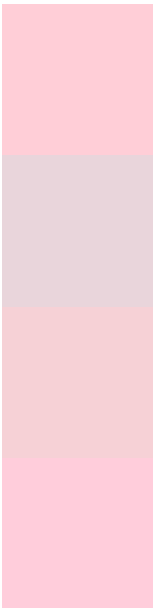
220.3120, -3.1118, 18.1434



Tritanopia

221.7740, -0.3816, 29.1392

Trichromacy



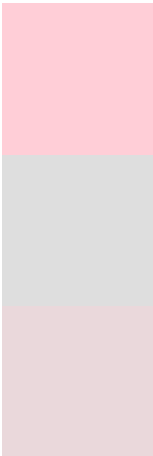
Original Color
221.6770, -3.2918, 29.2243

Protanomaly
219.6640, -0.3274, 11.6957

Deuteranomaly
220.6330, -3.2701, 22.2469

Tritanomaly
221.5460, -1.2552, 29.3392

Monochromacy



Original Color
221.6770, -3.2918, 29.2243

Achromatopsia
222.0000, 0.0000, 0.0000

Achromatomaly
221.7240, -1.3429, 10.7661

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.6770, -3.2918, 29.2243 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, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 215)  
}
```

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, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 215) }
```

Border

The CSS property to change the border of an element to YUV 221.6770, -3.2918, 29.2243 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, 206, 215) }
```


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

```
.border{ border-color:rgb(255, 206, 215) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 221.6770, -3.2918, 29.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 215) }
```

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

```
.background{ background-color: rgb(255,  
206, 215) }
```

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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