

Converting Colors

YUV(219.9330, -4.8970,
30.7538)

Have a look what the booklet for
YUV(219.9330, -4.8970, 30.7538)
contains.

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Color

**YUV(219.9330, -4.8970,
30.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD2
RGB	255, 204, 210
RGB Percent	100%, 80%, 82%
CMY	0.0000, 0.2000, 0.1765
CMYK	0.00, 0.20, 0.18, 0.00
HSL	353°, 100%, 90%
HSV	353°, 20%, 100%
XYZ	74.4657, 69.0989, 70.3854
YIQ	219.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

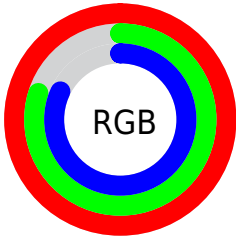
Format	Color
R _Y B	255, 204, 210
Decimal	16764114
CIE Lab	86.55, 18.90, 3.89
CIE LCh	87, 19.295, 11.617
Yxy	69.0989, 0.3481, 0.3230
Android (android.graphics.Color)	4294954194 (0xFFFFCCD2)
YUV	219.9330, -4.8970, 30.7538
Hunter-Lab	83.1257, 14.4339, 7.9851

Details

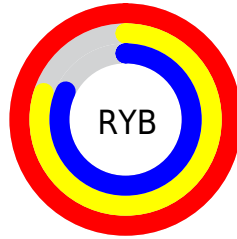
The YUV color $219.9330, -4.8970, 30.7538$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $239.0670, 4.8970, -30.7538$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.0360, -4.4547, 28.9094$ is the 20% darker color. If you saturate the color by 10%, you get $202.7500, -7.2717, 45.8233$, and if you desaturate by 10%, it is $237.8170, -2.3748, 15.0695$.

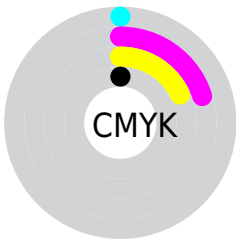
Distribution



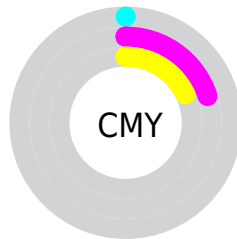
- Red (100%)
- Green (80%)
- Blue (82%)



- Red (100%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.9330, -4.8970, 30.7538 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 219.9330, -4.8970, 30.7538 by changing the saturation by 10% instead.


 219.9330, -4.8970,
30.7538


 219.9330, -4.8970,
30.7538


255.0000, 0.0000,
0.0000


 191.6340, -4.7496,
30.1390

 165.0360, -4.4547,
28.9094

 138.4380, -4.1599,
27.6799

 112.8400, -3.8651,
26.4503

 87.5410, -3.7177,
25.8355

 63.7580, -2.8387,
23.8912

 41.1600, -2.5439,

22.6617

■ 19.5620, -2.2491,
21.4321

■ 3.2890, -1.6215,
6.7625

■ 219.9330, -4.8970,
30.7538

■ 219.9330, -4.8970,
30.7538

■ 202.7500, -7.2717,
45.8233

■ 237.8170, -2.3748,
15.0695

■ 184.8660, -9.7939,
61.5075

255.0000, 0.0000,
0.0000

■ 167.6830,
-12.1687, 76.5770

■ 149.7990,
-14.6909, 92.2613

■ 132.6160,
-17.0657, 107.3308

■ 114.7320,
-19.5879, 123.0150

■ 96.9620, -21.6733,
138.5993

■ 79.6650, -24.4848,
153.7688

Harmonies

Analogous

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



220.2940, 4.2921, 23.4212



219.9330, -4.8970, 30.7538



218.5710, -12.6065, 30.1942

Triad

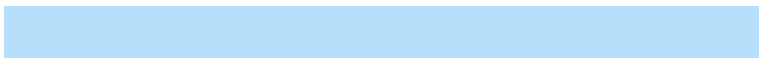
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.9330, -4.8970, 30.7538



213.1440, -11.9030, -8.8963



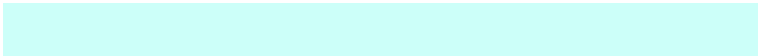
213.6450, 18.4160, -26.8757

Complementary

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



219.9330, -4.8970, 30.7538



239.0670, 4.8970, -30.7538

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.



210.8520, 14.3700, -35.8272



219.9330, -4.8970, 30.7538



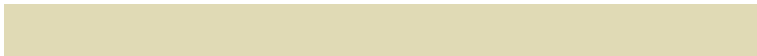
210.7490, -2.8343, -24.3359

Square

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



219.9330, -4.8970, 30.7538



215.5760, -17.0460, 7.3878



209.5010, 6.6550, -34.6424



217.1140, 17.1988, -9.7470

Rectangle

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



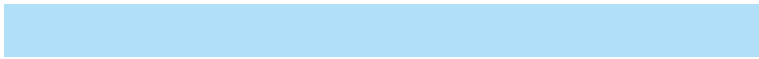
219.9330, -4.8970, 30.7538



217.9140, -16.2266, 24.6314



209.5010, 6.6550, -34.6424



212.3950, 17.5533, -30.1644

Sweetspot

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



219.9330, -4.8970, 30.7538



244.7130, -1.3375, 9.0217



222.9700, 15.7908, 21.9513



121.8050, -0.8899, 5.4330



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

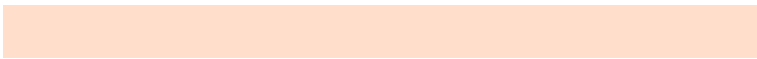
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.9330, -4.8970, 30.7538



213.0370, -5.9342, 36.8016



230.4020, -13.0162, 21.5724



119.0010, -1.4795, 7.8921



59.7310, -18.1084, 115.1229



20.0480, -5.9397, 38.5459

Inverse Universe

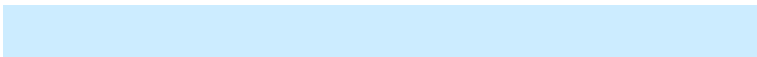
The Inverse Universe completely reimagines the original color for something new.



219.9330, -4.8970, 30.7538



213.0370, -5.9342, 36.8016



228.5980, 13.0162, -21.5724



119.0010, -1.4795, 7.8921



59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 219.9330, -4.8970, 30.7538 looks on a white background.

Color Contrast Check

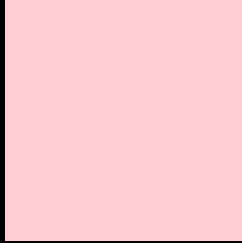
Large Text (above 18pt) WCAG AA × Fail

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 219.9330, -4.8970, 30.7538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

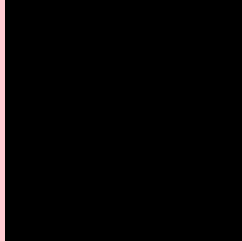
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.9330, -4.8970, 30.7538

Background



This preview shows how black text looks on a background with the YUV color 219.9330, -4.8970, 30.7538.



This preview shows how white text looks on a background with the YUV color 219.9330, -4.8970,

30.7538.

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

219.9330, -4.8970, 30.7538

Protanopia

217.6090, -0.3002, 2.9739

Deuteranopia

219.1550, -5.0064, 19.1581



Tritanopia

220.2580, -1.1132, 30.4687

Trichromacy



Original Color

219.9330, -4.8970, 30.7538

Protanomaly

218.5070, -2.2220, 12.7104

Deuteranomaly

219.4760, -5.1647, 23.2615

Tritanomaly

219.9160, -2.4236, 30.7687

Monochromacy



Original Color

219.9330, -4.8970, 30.7538

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9090, -1.9271, 11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.9330, -4.8970, 30.7538 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 210) }
```

Border

The CSS property to change the border of an element to YUV 219.9330, -4.8970, 30.7538 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, 210) }
```


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

```
.border{ border-color:rgb(255, 204, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 219.9330, -4.8970, 30.7538 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
204, 210) }
```

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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