

# Converting Colors

YUV(221.0730, -0.5290,  
29.7540)

Have a look what the booklet for  
YUV(221.0730, -0.5290, 29.7540)  
contains.

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# Color

**YUV(221.0730, -0.5290,  
29.7540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCDC
RGB	255, 204, 220
RGB Percent	100%, 80%, 86%
CMY	0.0000, 0.2000, 0.1373
CMYK	0.00, 0.20, 0.14, 0.00
HSL	341°, 100%, 90%
HSV	341°, 20%, 100%
XYZ	75.7511, 69.6130, 77.1543
YIQ	221.0730, 25.2600, 15.7880

# Conversions

## Conversions Part 2

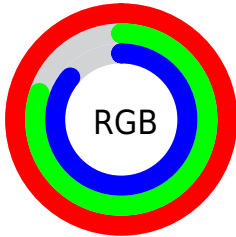
Format	Color
R <sub>Y</sub> B	255, 204, 220
Decimal	16764124
CIE Lab	86.81, 20.44, -1.05
CIE LCh	87, 20.470, 357.054
Yxy	69.6130, 0.3404, 0.3128
Android (android.graphics.Color)	4294954204 (0xFFFFCCDC)
YUV	221.0730, -0.5290, 29.7540
Hunter-Lab	83.4344, 16.0521, 3.5769

# Details

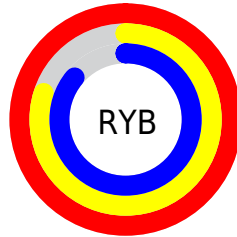
The YUV color  $221.0730, -0.5290, 29.7540$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $237.9270, 0.5290, -29.7540$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $166.0620, -0.5236, 28.0096$  is the 20% darker color. If you saturate the color by 10%, you get  $204.4600, -0.7198, 44.3236$ , and if you desaturate by 10%, it is  $238.3870, -0.1908, 14.5696$ .

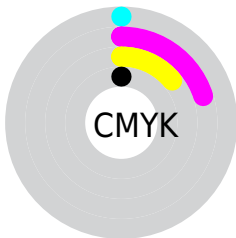
# Distribution



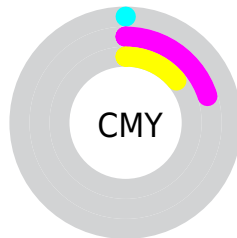
- Red (100%)
- Green (80%)
- Blue (86%)



- Red (100%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 221.0730, -0.5290, 29.7540 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 221.0730, -0.5290, 29.7540 by changing the saturation by 10% instead.





 221.0730, -0.5290,  
29.7540


 221.0730, -0.5290,  
29.7540

255.0000, 0.0000,  
0.0000


 192.7740, -0.3816,  
29.1392

 166.0620, -0.5236,  
28.0096

 139.4640, -0.2288,  
26.7801

 113.1650, -0.0813,  
26.1653

 88.5670, 0.2135,  
24.9357

 64.9690, 0.5083,  
23.7062

 42.0720, 0.9505,

21.8619

■ 19.8870, 1.5347,  
21.1471

■ 4.7840, -2.3585,  
9.8364

■ 221.0730, -0.5290,  
29.7540

■ 221.0730, -0.5290,  
29.7540

■ 204.4600, -0.7198,  
44.3236

■ 238.3870, -0.1908,  
14.5696

■ 187.1460, -1.0580,  
59.5080

255.0000, 0.0000,  
0.0000

■ 170.4190, -1.6856,  
74.1775

■ 153.2190, -1.5870,  
89.2619

■ 136.4920, -2.2146,  
103.9315

■ 119.2920, -2.1160,  
119.0159

■ 101.9780, -2.4542,  
134.2003

■ 85.3650, -2.6449,  
148.7699

# Harmonies

## Analogous

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



220.8140, 8.9657, 17.7031



221.0730, -0.5290, 29.7540



219.4940, -9.1175, 31.1388

# Triad

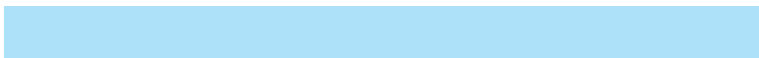
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.0730, -0.5290, 29.7540



214.8630, -15.7085, -1.6339



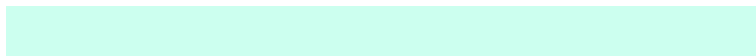
212.1880, 18.1483, -34.3679

# Complementary

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



221.0730, -0.5290, 29.7540



237.9270, 0.5290, -29.7540

# 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.



210.1460, 11.7600, -38.7160



221.0730, -0.5290, 29.7540



212.1150, -7.9447, -18.5179

# Square

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



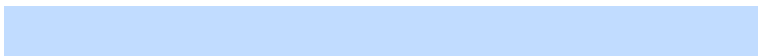
221.0730, -0.5290, 29.7540



216.8760, -18.6729, 15.8947



210.6600, 2.1396, -33.0278



215.9170, 19.2679, -20.0982

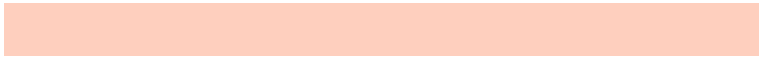


# Rectangle

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



221.0730, -0.5290, 29.7540



219.1150, -14.3537, 30.5941



210.6600, 2.1396, -33.0278



211.1230, 16.7014, -36.9419

# Sweetspot

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



221.0730, -0.5290, 29.7540



245.0550, -0.0271, 8.7218



220.2790, 17.1175, 16.4183



121.9190, -0.4531, 5.3330



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.



221.0730, -0.5290, 29.7540



214.4050, -0.6927, 35.6018



224.5320, -10.1223, 26.7204



119.3430, -0.1691, 7.5922



63.9490, -1.9469, 111.4237



21.4160, -0.6981, 37.3462



# Inverse Universe

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



221.0730, -0.5290, 29.7540



214.4050, -0.6927, 35.6018



234.4680, 10.1223, -26.7204



119.3430, -0.1691, 7.5922



63.9490, -1.9469, 111.4237



21.4160, -0.6981, 37.3462



# Previews

## White Background



This preview shows how the YUV color 221.0730, -0.5290, 29.7540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

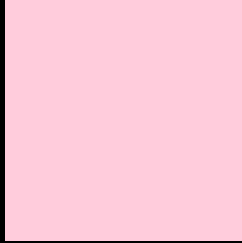
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.0730, -0.5290, 29.7540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

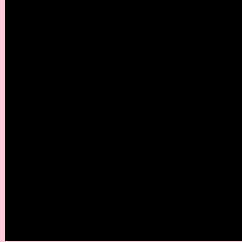
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 221.0730, -0.5290, 29.7540

## Background



This preview shows how black text looks on a background with the YUV color 221.0730, -0.5290, 29.7540.



This preview shows how white text looks on a background with the YUV color 221.0730, -0.5290,

29.7540.

# 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

221.0730, -0.5290, 29.7540

### Protanopia

218.1510, 4.3626, 0.7446

### Deuteranopia

219.9850, -0.4856, 15.7992



## Tritanopia

221.0730, -0.5290, 29.7540

# Trichromacy



## Original Color

221.0730, -0.5290, 29.7540

## Protanomaly

219.3480, 2.2934, 11.0958

## Deuteranomaly

220.0180, -0.5019, 21.0322

## Tritanomaly

221.0730, -0.5290, 29.7540

# Monochromacy



## Original Color

221.0730, -0.5290, 29.7540

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

221.0660, -0.0325, 10.4661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.0730, -0.5290, 29.7540 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 220) }
```

## Border

The CSS property to change the border of an element to YUV 221.0730, -0.5290, 29.7540 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, 220) }
```



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

```
.border{ border-color:rgb(255, 204, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 221.0730, -0.5290, 29.7540 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
204, 220) }
```

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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