

Converting Colors

YUV(221.8710, 2.5286, 29.0541)

Have a look what the booklet for
YUV(221.8710, 2.5286, 29.0541)
contains.

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Color

**YUV(221.8710, 2.5286,
29.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE3
RGB	255, 204, 227
RGB Percent	100%, 80%, 89%
CMY	0.0000, 0.2000, 0.1098
CMYK	0.00, 0.20, 0.11, 0.00
HSL	333°, 100%, 90%
HSV	333°, 20%, 100%
XYZ	76.6980, 69.9918, 82.1404
YIQ	221.8710, 23.0130, 17.9650

Conversions

Conversions Part 2

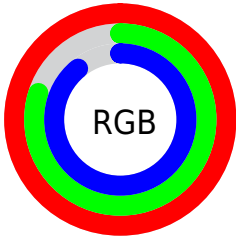
Format	Color
R_{YB}	255, 204, 227
Decimal	16764131
CIE _{Lab}	86.99, 21.56, -4.49
CIE _{LCh}	87, 22.027, 348.233
Yxy	69.9918, 0.3352, 0.3059
Android (android.graphics.Color)	4294954211 (0xFFFFCCE3)
YUV	221.8710, 2.5286, 29.0541
Hunter-Lab	83.6611, 17.2366, 0.3505

Details

The YUV color $221.8710, 2.5286, 29.0541$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.1290, -2.5286, -29.0541$, 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 $166.8600, 2.5340, 27.3098$ is the 20% darker color. If you saturate the color by 10%, you get $205.6000, 3.6482, 43.3238$, and if you desaturate by 10%, it is $238.7290, 1.1196, 14.2697$.

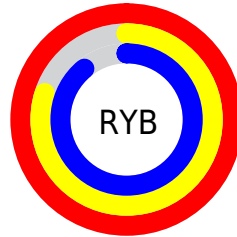
Distribution



Red (100%)

Green (80%)

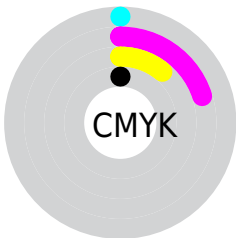
Blue (89%)



Red (100%)

Yellow (80%)

Blue (89%)

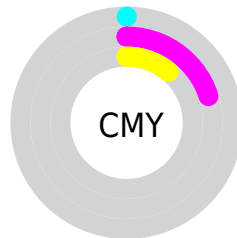


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 221.8710, 2.5286, 29.0541 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 221.8710, 2.5286, 29.0541 by changing the saturation by 10% instead.


 221.8710, 2.5286,
29.0541


 221.8710, 2.5286,
29.0541


255.0000, 0.0000,
0.0000

 193.5720, 2.6760,
28.4394

 166.8600, 2.5340,
27.3098

 140.1480, 2.3920,
26.1802

 113.8490, 2.5394,
25.5654

 89.2510, 2.8343,
24.3359

 65.5390, 2.6923,
23.2063

 42.9410, 2.9871,

21.9767

■ 20.4570, 3.7187,
20.6472

■ 5.9800, -2.9481,
12.2955

■ 221.8710, 2.5286,
29.0541

■ 221.8710, 2.5286,
29.0541

■ 205.6000, 3.6482,
43.3238

■ 238.7290, 1.1196,
14.2697

■ 188.7420, 5.0572,
58.1083

255.0000, 0.0000,
0.0000

■ 172.4710, 6.1768,
72.3779

■ 155.6130, 7.5858,
87.1624

■ 139.3420, 8.7054,
101.4321

■ 122.4840, 10.1144,
116.2165

■ 105.6260, 11.5234,
131.0010

■ 89.3550, 12.6430,
145.2707

Harmonies

Analogous

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



221.5900, 12.0341, 13.5146



221.8710, 2.5286, 29.0541



219.4770, -6.6442, 31.1537

Triad

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



221.8710, 2.5286, 29.0541



216.0980, -18.7823, 4.2991



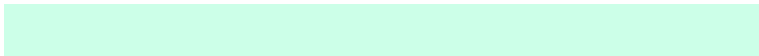
210.8560, 18.3120, -40.2157

Complementary

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



221.8710, 2.5286, 29.0541



237.1290, -2.5286, -29.0541

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.



209.6680, 10.0237, -41.8048



221.8710, 2.5286, 29.0541



213.2250, -11.4499, -14.2293

Square

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



221.8710, 2.5286, 29.0541



218.1540, -20.2889, 20.9129



210.5740, -0.7760, -31.1984



214.4000, 20.0158, -26.6608

Rectangle

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



221.8710, 2.5286, 29.0541



219.1690, -12.9013, 31.4238



210.5740, -0.7760, -31.1984



210.5630, 15.9914, -42.5898

Sweetspot

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



221.8710, 2.5286, 29.0541



245.2830, 0.8465, 8.5218



217.8870, 18.2967, 11.5001



122.1470, 0.4205, 5.1331



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.



221.8710, 2.5286, 29.0541



215.3170, 2.8017, 34.8020



220.4230, -8.0965, 30.3240



119.5710, 0.7045, 7.3922



66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Inverse Universe

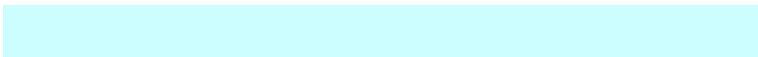
The Inverse Universe completely reimagines the original color for something new.



221.8710, 2.5286, 29.0541



215.3170, 2.8017, 34.8020



238.5770, 8.0965, -30.3240



119.5710, 0.7045, 7.3922



66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 221.8710, 2.5286, 29.0541 looks on a white background.

Color Contrast Check

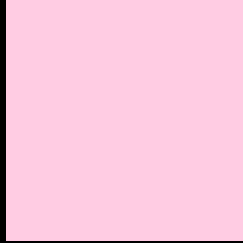
Large Text (above 18pt) WCAG AA × Fail

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 221.8710, 2.5286, 29.0541 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 221.8710, 2.5286, 29.0541

Background



This preview shows how black text looks on a background with the YUV color 221.8710, 2.5286, 29.0541.



This preview shows how white text looks on a background with the YUV color 221.8710, 2.5286,

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

221.8710, 2.5286, 29.0541

Protanopia

219.0520, 7.8624, -1.7996

Deuteranopia

220.7720, 2.5774, 13.3550



Tritanopia

221.4750, -0.2342, 28.5244

Trichromacy



Original Color

221.8710, 2.5286, 29.0541

Protanomaly

219.9610, 5.9352, 9.6812

Deuteranomaly

221.1040, 2.4137, 19.2028

Tritanomaly

221.7030, 0.6394, 28.3245

Monochromacy



Original Color

221.8710, 2.5286, 29.0541

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.7070, 1.1304, 10.7810

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8710, 2.5286, 29.0541 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 227) }
```

Border

The CSS property to change the border of an element to YUV 221.8710, 2.5286, 29.0541 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, 227) }
```


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

```
.border{ border-color:rgb(255, 204, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 221.8710, 2.5286, 29.0541 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
204, 227) }
```

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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