

Converting Colors

YUV(221.9000, 15.3323,
29.0287)

Have a look what the booklet for
YUV(221.9000, 15.3323, 29.0287)
contains.

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Color

**YUV(221.9000, 15.3323,
29.0287)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7FD
RGB	255, 199, 253
RGB Percent	100%, 78%, 99%
CMY	0.0000, 0.2196, 0.0078
CMYK	0.00, 0.22, 0.01, 0.00
HSL	302°, 100%, 89%
HSV	302°, 22%, 100%
XYZ	79.3930, 69.1987, 102.1007
YIQ	221.9000, 16.0420, 28.6660

Conversions

Conversions Part 2

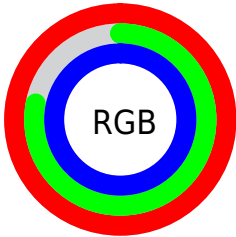
Format	Color
RYB	255, 199, 253
Decimal	16762877
CIELab	86.60, 28.64, -18.86
CIELCh	87, 34.288, 326.635
Yxy	69.1987, 0.3167, 0.2760
Android (android.graphics.Color)	4294952957 (0xFFFFC7FD)
YUV	221.9000, 15.3323, 29.0287
Hunter-Lab	83.1858, 24.7865, -14.5415

Details

The YUV color $221.9000, 15.3323, 29.0287$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $232.1000, -15.3323, -29.0287$, 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 $166.6610, 14.4641, 27.4843$ is the 20% darker color. If you saturate the color by 10%, you get $207.1110, 22.1303, 41.9987$, and if you desaturate by 10%, it is $237.2760, 8.2449, 15.5439$.

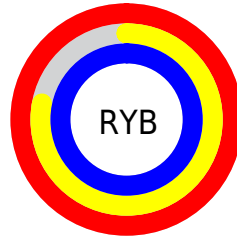
Distribution



Red (100%)

Green (78%)

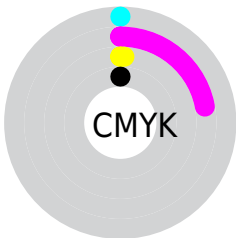
Blue (99%)



Red (100%)

Yellow (78%)

Blue (99%)

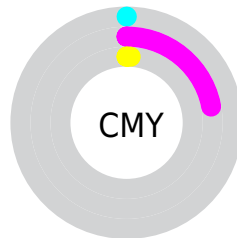


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 221.9000, 15.3323, 29.0287 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 221.9000, 15.3323, 29.0287 by changing the saturation by 10% instead.


 221.9000, 15.3323,
29.0287


 221.9000, 15.3323,
29.0287


255.0000, 0.0000,
0.0000


 193.4870, 15.0429,
28.5139

 166.6610, 14.4641,
27.4843

 139.9490, 14.3221,
26.3547

 113.5360, 14.0328,
25.8399

 88.8240, 13.8908,
24.7104

 64.9980, 13.3120,
23.6808

 41.2860, 13.1700,

22.5512

■ 18.4000, 13.6068,
22.4512

■ 8.5310, 8.1192,
9.1813

■ 221.9000, 15.3323,
29.0287

■ 221.9000, 15.3323,
29.0287

■ 207.1110, 22.1303,
41.9987

■ 237.2760, 8.2449,
15.5439

■ 191.7350, 29.2176,
55.4834

■ 252.0650, 1.4470,
2.5740

■ 176.3590, 36.3050,
68.9682

■ 255.0000, 0.0000,
0.0000

■ 161.5700, 43.1030,
81.9381

■ 146.1940, 50.1904,
95.4229

■ 131.5190, 57.4251,
108.2928

■ 116.1430, 64.5125,
121.7776

■ 104.2890, 69.8635,
132.1735

Harmonies

Analogous

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



217.2230, 18.6241, -0.1956



221.9000, 15.3323, 29.0287



214.8440, 3.5279, 35.2168

Triad

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



221.9000, 15.3323, 29.0287



215.0160, -31.0669, 24.5420



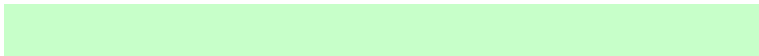
199.6730, 22.3462, -74.2582

Complementary

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



221.9000, 15.3323, 29.0287



232.1000, -15.3323, -29.0287

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.



202.7770, 4.5469, -58.5634



221.9000, 15.3323, 29.0287



211.9910, -26.6176, -2.6231

Square

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



221.9000, 15.3323, 29.0287



214.1020, -24.7003, 35.8675



207.5450, -13.5797, -31.1730



202.3520, 25.9555, -65.2067

Rectangle

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



221.9000, 15.3323, 29.0287



212.3360, -6.0816, 37.4163



207.5450, -13.5797, -31.1730



200.2020, 16.6624, -71.2142

Sweetspot

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



221.9000, 15.3323, 29.0287



244.3200, 4.7722, 9.3664



205.9820, 24.1659, -4.3692



121.4290, 2.7465, 5.7628



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.



221.9000, 15.3323, 29.0287



216.0300, 18.2262, 34.1767



218.7080, 3.1020, 31.8281



120.2550, 3.3253, 6.7924



78.0850, 52.2161, 99.0265



26.0900, 17.2106, 33.2471

Inverse Universe

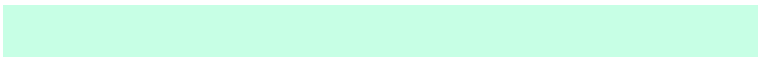
The Inverse Universe completely reimagines the original color for something new.



221.9000, 15.3323, 29.0287



216.0300, 18.2262, 34.1767



235.2920, -3.1020, -31.8281



120.2550, 3.3253, 6.7924



78.0850, 52.2161, 99.0265



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 221.9000, 15.3323, 29.0287 looks on a white background.

Color Contrast Check

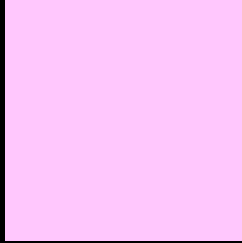
Large Text (above 18pt) WCAG AA × Fail

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 221.9000, 15.3323, 29.0287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

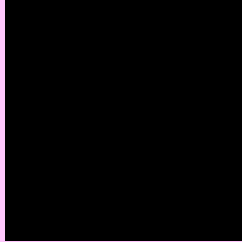
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.9000, 15.3323, 29.0287

Background



This preview shows how black text looks on a background with the YUV color 221.9000, 15.3323, 29.0287.



This preview shows how white text looks on a background with the YUV color 221.9000, 15.3323,

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

221.9000, 15.3323, 29.0287

Protanopia

217.7660, 18.3564, -7.6878

Deuteranopia

219.4360, 15.5611, 2.2486



Tritanopia

220.5780, 0.2080, 26.6801

Trichromacy



Original Color

221.9000, 15.3323, 29.0287



Protanomaly

219.2130, 17.1500, 5.9522



Deuteranomaly

220.2030, 15.6759, 12.1000



Tritanomaly

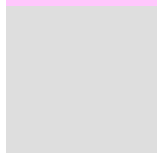
221.0710, 5.8810, 27.1247

Monochromacy



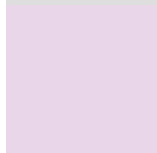
Original Color

221.9000, 15.3323, 29.0287



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

222.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9000, 15.3323, 29.0287 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, 199, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 253)  
}
```

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, 199, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 253) }
```

Border

The CSS property to change the border of an element to YUV 221.9000, 15.3323, 29.0287 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, 199, 253) }
```


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

```
.border{ border-color:rgb(255, 199, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 221.9000, 15.3323, 29.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 253) }
```

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

```
.background{ background-color: rgb(255,  
199, 253) }
```

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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