

Converting Colors

YUV(221.9510, 7.9122, 28.9840)

Have a look what the booklet for
YUV(221.9510, 7.9122, 28.9840)
contains.

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Color

**YUV(221.9510, 7.9122,
28.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAEE
RGB	255, 202, 238
RGB Percent	100%, 79%, 93%
CMY	0.0000, 0.2078, 0.0667
CMYK	0.00, 0.21, 0.07, 0.00
HSL	319°, 100%, 90%
HSV	319°, 21%, 100%
XYZ	77.7931, 69.6741, 90.2372
YIQ	221.9510, 20.0320, 22.4320

Conversions

Conversions Part 2

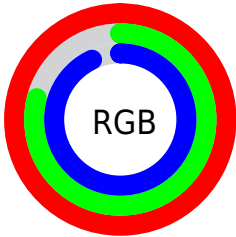
Format	Color
R _Y B	255, 202, 238
Decimal	16763630
CIE Lab	86.84, 24.44, -10.56
CIE LCh	87, 26.624, 336.639
Yxy	69.6741, 0.3273, 0.2931
Android (android.graphics.Color)	4294953710 (0xFFFFCAEE)
YUV	221.9510, 7.9122, 28.9840
Hunter-Lab	83.4710, 20.2838, -5.6664

Details

The YUV color **221.9510, 7.9122, 28.9840** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **235.0490, -7.9122, -28.9840**, 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 **166.8260, 7.4808, 27.3396** is the 20% darker color. If you saturate the color by 10%, you get **206.3640, 11.6525, 42.6538**, and if you desaturate by 10%, it is **237.5380, 4.1718, 15.3142**.

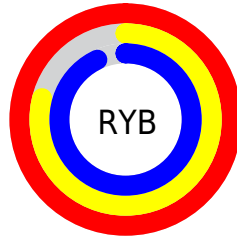
Distribution



Red (100%)

Green (79%)

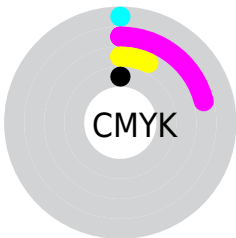
Blue (93%)



Red (100%)

Yellow (79%)

Blue (93%)

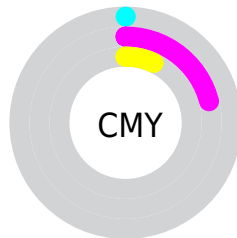


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9510, 7.9122, 28.9840 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 221.9510, 7.9122, 28.9840 by changing the saturation by 10% instead.


 221.9510, 7.9122,
28.9840

 221.9510, 7.9122,
28.9840


255.0000, 0.0000,
0.0000


 193.6520, 8.0596,
28.3692

 166.8260, 7.4808,
27.3396

 140.1140, 7.3388,
26.2100

 113.8150, 7.4862,
25.5952

 89.1030, 7.3442,
24.4657

 65.3910, 7.2022,
23.3361

 42.0920, 7.3496,

22.7213

■ 19.4940, 7.6445,
21.4918

■ 7.4620, 2.7302,
10.9958

■ 221.9510, 7.9122,
28.9840

■ 221.9510, 7.9122,
28.9840

■ 206.3640, 11.6525,
42.6538

■ 237.5380, 4.1718,
15.3142

■ 190.1900, 15.6823,
56.8384

■ 253.7120, 0.1420,
1.1296

■ 173.9020, 19.2753,
71.1229

■ 255.0000, 0.0000,
0.0000

■ 158.3150, 23.0157,
84.7927

■ 142.7280, 26.7561,
98.4625

■ 126.5540, 30.7859,
112.6471

■ 110.9670, 34.5263,
126.3169

■ 95.9670, 37.9773,
139.4719

Harmonies

Analogous

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



220.2240, 17.1446, 7.6966



221.9510, 7.9122, 28.9840



217.3400, -2.1396, 33.0278

Triad

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



221.9510, 7.9122, 28.9840



216.0730, -24.1930, 13.0910



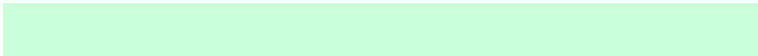
207.1210, 19.6603, -52.7261

Complementary

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



221.9510, 7.9122, 28.9840



235.0490, -7.9122, -28.9840

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.



206.9400, 7.4246, -48.1824



221.9510, 7.9122, 28.9840



212.8360, -18.1601, -8.6262

Square

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



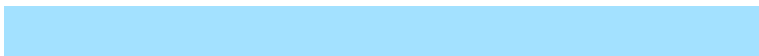
221.9510, 7.9122, 28.9840



218.2370, -22.7948, 31.3642



209.4940, -6.1595, -31.1282



209.8820, 22.2432, -41.1155

Rectangle

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



221.9510, 7.9122, 28.9840



216.5760, -10.1440, 33.6978



209.4940, -6.1595, -31.1282



206.4970, 16.0240, -53.0559

Sweetspot

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



221.9510, 7.9122, 28.9840



245.6250, 2.1569, 8.2219



213.1250, 20.6444, 5.1524



122.3750, 1.2941, 4.9331



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.



221.9510, 7.9122, 28.9840



215.1520, 9.7851, 34.9467



218.9870, -3.4446, 31.5834



119.7990, 1.5781, 7.1923



71.9290, 28.6290, 104.4253



24.0380, 9.3483, 35.0467

Inverse Universe

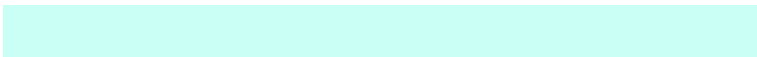
The Inverse Universe completely reimagines the original color for something new.



221.9510, 7.9122, 28.9840



215.1520, 9.7851, 34.9467



238.0130, 3.4446, -31.5834



119.7990, 1.5781, 7.1923



71.9290, 28.6290, 104.4253



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 221.9510, 7.9122, 28.9840 looks on a white background.

Color Contrast Check

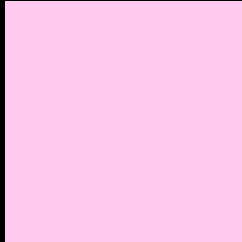
Large Text (above 18pt) WCAG AA × Fail

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 221.9510, 7.9122, 28.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

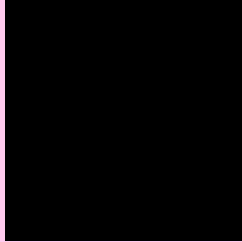
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.9510, 7.9122, 28.9840

Background



This preview shows how black text looks on a background with the YUV color 221.9510, 7.9122, 28.9840.



This preview shows how white text looks on a background with the YUV color 221.9510, 7.9122,

28.9840.

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

221.9510, 7.9122, 28.9840

Protanopia

218.6370, 13.9830, -4.9436

Deuteranopia

220.1180, 7.8298, 8.6665



Tritanopia

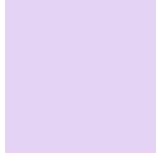
221.1760, -0.0868, 27.9096

Trichromacy



Original Color

221.9510, 7.9122, 28.9840



Protanomaly

219.8450, 11.9084, 7.1519



Deuteranomaly

220.5750, 8.0975, 16.1587



Tritanomaly

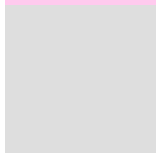
221.5720, 2.6760, 28.4394

Monochromacy



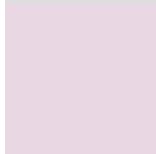
Original Color

221.9510, 7.9122, 28.9840



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

222.1630, 2.8776, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9510, 7.9122, 28.9840 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, 202, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 238)  
}
```

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, 202, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 238) }
```

Border

The CSS property to change the border of an element to YUV 221.9510, 7.9122, 28.9840 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, 202, 238) }
```


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

```
.border{ border-color:rgb(255, 202, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 221.9510, 7.9122, 28.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 238) }
```

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

```
.background{ background-color: rgb(255,  
202, 238) }
```

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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