

# Converting Colors

YUV(221.4510, 6.1867, 22.4065)

Have a look what the booklet for  
YUV(221.4510, 6.1867, 22.4065)  
contains.

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# Color

**YUV(221.4510, 6.1867,  
22.4065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7CEEA
RGB	247, 206, 234
RGB Percent	97%, 81%, 92%
CMY	0.0314, 0.1922, 0.0824
CMYK	0.00, 0.17, 0.05, 0.03
HSL	319°, 72%, 89%
HSV	319°, 17%, 97%
XYZ	75.2804, 69.8573, 87.3580
YIQ	221.4510, 15.4480, 17.4000

# Conversions

## Conversions Part 2

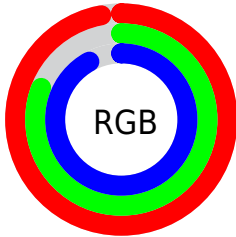
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 206, 234
Decimal	16240362
CIE Lab	86.93, 18.96, -8.38
CIE LCh	87, 20.733, 336.153
Yxy	69.8573, 0.3238, 0.3005
Android (android.graphics.Color)	4294430442 (0xFFF7CEEA)
YUV	221.4510, 6.1867, 22.4065
Hunter-Lab	83.5807, 14.5072, -3.4631

# Details

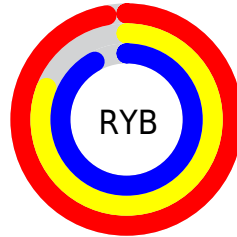
The YUV color  $221.4510, 6.1867, 22.4065$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $231.5490, -6.1867, -22.4065$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $166.3260, 5.7553, 20.7621$  is the 20% darker color. If you saturate the color by 10%, you get  $205.8640, 9.9270, 36.0763$ , and if you desaturate by 10%, it is  $237.0380, 2.4463, 8.7367$ .

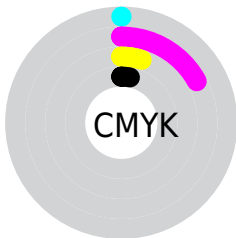
# Distribution



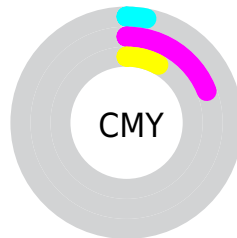
- Red (97%)
- Green (81%)
- Blue (92%)



- Red (97%)
- Yellow (81%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.4510, 6.1867, 22.4065 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 221.4510, 6.1867, 22.4065 by changing the saturation by 10% instead.



221.4510, 6.1867,  
22.4065

221.4510, 6.1867,  
22.4065

255.0000, 0.0000,  
0.0000

193.1520, 6.3341,  
21.7917

166.3260, 5.7553,  
20.7621

140.0270, 5.9027,  
20.1473

114.0270, 5.9027,  
20.1473

89.3150, 5.7607,  
19.0177

65.6030, 5.6187,  
17.8882

42.8910, 5.4767,

16.7586

■ 21.5920, 5.6241,  
16.1438

■ 4.2010, 1.8729,  
5.9627

■ 221.4510, 6.1867,  
22.4065

■ 221.4510, 6.1867,  
22.4065

■ 205.8640, 9.9270,  
36.0763

■ 237.0380, 2.4463,  
8.7367

■ 190.8640, 13.3780,  
49.2313

■ 252.0380, -1.0047,  
-4.4183

■ 175.3910, 17.5552,  
62.8011

■ 252.6080, 1.1793,  
-4.9182

■ 159.8040, 21.2956,  
76.4709

■ 144.2170, 25.0360,  
90.1407

■ 129.2170, 28.4870,  
103.2957

■ 113.6300, 32.2274,  
116.9655

■ 98.0430, 35.9678,  
130.6353

■ 93.1190, 37.4093,  
134.9536

# Harmonies

## Analogous

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



219.8170, 14.3872, 5.4225



221.4510, 6.1867, 22.4065



220.3890, -3.1498, 30.3538

# Triad

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



221.4510, 6.1867, 22.4065



216.8430, -18.6566, 10.6617



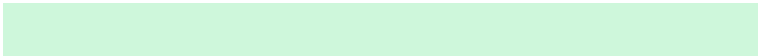
210.8300, 14.3808, -39.3159

# Complementary

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



221.4510, 6.1867, 22.4065



231.5490, -6.1867, -22.4065

# 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.



210.1480, 5.3500, -36.0868



221.4510, 6.1867, 22.4065



214.5850, -14.0924, -6.6520

# Square

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



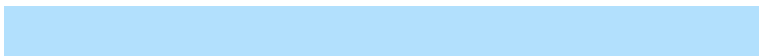
221.4510, 6.1867, 22.4065



218.4580, -17.9738, 25.0313



212.0650, -5.4550, -23.7360



213.5520, 19.4479, -31.1791



# Rectangle

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



221.4510, 6.1867, 22.4065



219.4940, -9.1175, 31.1388



212.0650, -5.4550, -23.7360



210.4340, 11.6180, -39.8456

# Sweetspot

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



221.4510, 6.1867, 22.4065



246.9130, 2.0149, 7.0923



214.5610, 15.9924, 3.8930



122.9620, 1.0047, 4.4183



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.



221.4510, 6.1867, 22.4065



223.2390, 7.7702, 27.8544



219.1710, -2.5493, 24.4060



114.6140, 2.1623, 6.4775



70.0920, 28.0556, 101.6513



22.2010, 8.7749, 32.2727



# Inverse Universe

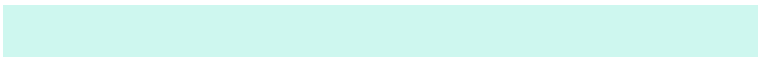
The Inverse Universe completely reimagines the original color for something new.



221.4510, 6.1867, 22.4065



223.2390, 7.7702, 27.8544



233.8290, 2.5493, -24.4060



114.6140, 2.1623, 6.4775



70.0920, 28.0556, 101.6513

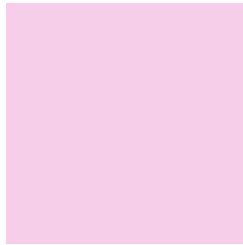


22.2010, 8.7749, 32.2727



# Previews

## White Background



This preview shows how the YUV color 221.4510, 6.1867, 22.4065 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

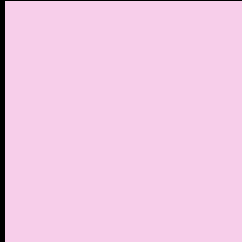
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.4510, 6.1867, 22.4065 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

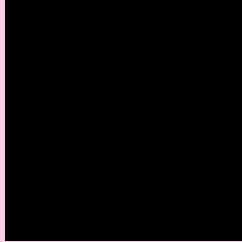
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 221.4510, 6.1867, 22.4065

## Background



This preview shows how black text looks on a background with the YUV color 221.4510, 6.1867, 22.4065.



This preview shows how white text looks on a background with the YUV color 221.4510, 6.1867,



# 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

221.4510, 6.1867, 22.4065

### Protanopia

218.4370, 10.6306, -3.0142

### Deuteranopia

220.3740, 6.2246, 10.1960



## **Tritanopia**

221.1860, 1.3873, 21.7619

# Trichromacy



## Original Color

221.4510, 6.1867, 22.4065

## Protanomaly

219.4490, 9.1456, 6.6222

## Deuteranomaly

220.6950, 6.0664, 14.2995

## Tritanomaly

221.0550, 3.4239, 21.8768

# Monochromacy



## Original Color

221.4510, 6.1867, 22.4065

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

221.3260, 2.3043, 7.6071

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.4510, 6.1867, 22.4065 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(247, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 234)  
}
```

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(247, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 234) }
```

## Border

The CSS property to change the border of an element to YUV 221.4510, 6.1867, 22.4065 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(247, 206, 234) }
```



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

```
.border{ border-color:rgb(247, 206, 234) }
```

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

Here you see how a box with a 4 pixel rgb(247, 206, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 221.4510, 6.1867, 22.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 234) }
```

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

```
.background{ background-color: rgb(247,  
206, 234) }
```

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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