

# Converting Colors

YUV(213.0530, -6.9281,  
28.8945)

Have a look what the booklet for  
YUV(213.0530, -6.9281, 28.8945)  
contains.

<b>YUV(213.0530, -6.9281, 28.8945)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(213.0530, -6.9281,  
28.8945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6C7C7
RGB	246, 199, 199
RGB Percent	96%, 78%, 78%
CMY	0.0353, 0.2196, 0.2196
CMYK	0.00, 0.19, 0.19, 0.04
HSL	0°, 72%, 87%
HSV	0°, 19%, 96%
XYZ	68.7383, 64.5632, 62.8719
YIQ	213.0530, 28.0120, 9.9640

# Conversions

## Conversions Part 2

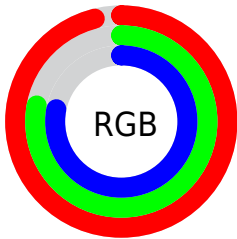
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 199, 199
Decimal	16172999
CIE Lab	84.26, 16.66, 6.31
CIE LCh	84, 17.814, 20.763
Yxy	64.5632, 0.3504, 0.3291
Android (android.graphics.Color)	4294363079 (0xFFFF6C7C7)
YUV	213.0530, -6.9281, 28.8945
Hunter-Lab	80.3512, 12.0872, 9.8536

# Details

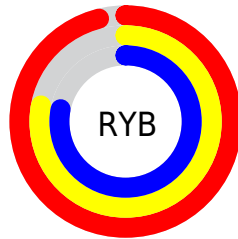
The YUV color  $213.0530, -6.9281, 28.8945$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $231.9470, 6.9281, -28.8945$ , and the grayscale version is  $213.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $158.1560, -6.4859, 27.0502$  is the 20% darker color. If you saturate the color by 10%, you get  $195.5280, -10.6133, 44.2639$ , and if you desaturate by 10%, it is  $230.5780, -3.2430, 13.5251$ .

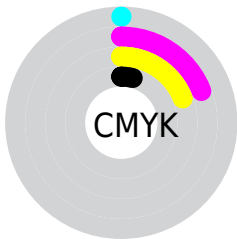
# Distribution



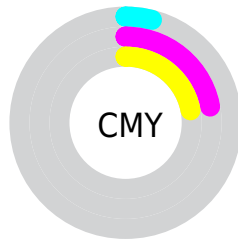
- Red (96%)
- Green (78%)
- Blue (78%)



- Red (96%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 213.0530, -6.9281, 28.8945 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 213.0530, -6.9281, 28.8945 by changing the saturation by 10% instead.




 213.0530, -6.9281,  
28.8945

 213.0530, -6.9281,  
28.8945


255.0000, 0.0000,  
0.0000


 185.4550, -6.6333,  
27.6650

 158.1560, -6.4859,  
27.0502

 131.9710, -5.9017,  
26.3354

 106.3730, -5.6069,  
25.1059

 81.7750, -5.3121,  
23.8763

 58.8780, -4.8699,  
22.0320

 36.3940, -4.1382,

20.7025

■ 12.9490, -5.8909,  
22.8467

■ 0.0000, 0.0000,  
0.0000

■ 213.0530, -6.9281,  
28.8945

■ 213.0530, -6.9281,  
28.8945

■ 195.5280,  
-10.6133, 44.2639

■ 230.5780, -3.2430,  
13.5251

■ 178.7040,  
-14.1511, 59.0186

■ 247.4020, 0.2948,  
-1.2296

■ 161.1790,  
-17.8362, 74.3880

■ 252.3090, 1.3267,  
-5.5330

■ 144.3550,  
-21.3740, 89.1427

■ 126.8300,  
-25.0592, 104.5121

■ 109.3050,  
-28.7444, 119.8815

■ 92.4810, -32.2821,  
134.6362

■ 74.9560, -35.9673,  
150.0056

■ 73.5540, -36.2621,  
151.2351

# Harmonies

## Analogous

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



213.4960, 1.2345, 24.1210



213.0530, -6.9281, 28.8945



211.7230, -13.1744, 25.6759

# Triad

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



213.0530, -6.9281, 28.8945



206.3330, -8.5452, -12.5700



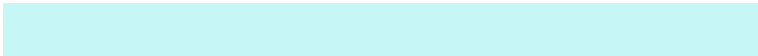
208.3470, 17.0839, -19.5983

# Complementary

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



213.0530, -6.9281, 28.8945



231.9470, 6.9281, -28.8945

# 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.



205.7000, 14.9379, -31.3089



213.0530, -6.9281, 28.8945



204.7210, -0.3555, -26.0653

# Square

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



213.0530, -6.9281, 28.8945



208.5260, -14.5563, 2.1697



204.2670, 8.2494, -32.6832



211.4630, 14.5617, -3.9141



# Rectangle

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



213.0530, -6.9281, 28.8945



210.7070, -15.6316, 20.4280



204.2670, 8.2494, -32.6832



207.2000, 16.6634, -24.7314

# Sweetspot

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



213.0530, -6.9281, 28.8945



244.4850, -2.2111, 9.2217



218.4110, 13.6014, 24.1956



121.6910, -1.3267, 5.5330



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

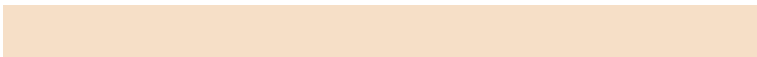
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.0530, -6.9281, 28.8945



213.6410, -8.6970, 36.2718



227.1410, -13.8735, 16.5393



113.5880, -1.7689, 7.3773



55.6140, -27.4177, 114.3485

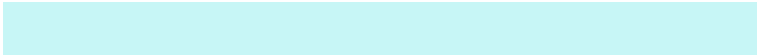


17.6410, -8.6970, 36.2718

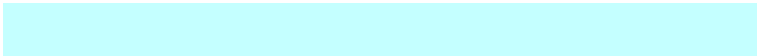


# Inverse Universe

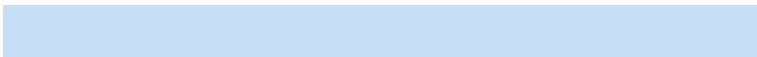
The Inverse Universe completely reimagines the original color for something new.



231.9470, 6.9281, -28.8945



237.3590, 8.6970, -36.2718



218.4460, 13.5841, -17.0541



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718



# Previews

## White Background



This preview shows how the YUV color 213.0530, -6.9281, 28.8945 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

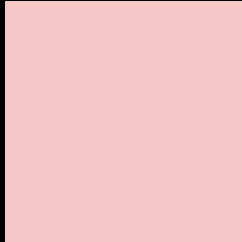
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.0530, -6.9281, 28.8945 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

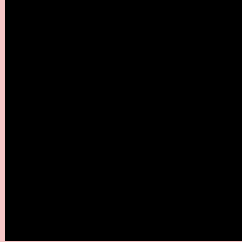
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 213.0530, -6.9281, 28.8945

## Background



This preview shows how black text looks on a background with the YUV color 213.0530, -6.9281, 28.8945.



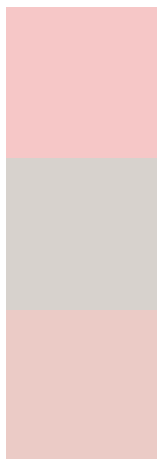
This preview shows how white text looks on a background with the YUV color 213.0530, -6.9281,



# 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

213.0530, -6.9281, 28.8945

### Protanopia

210.9250, -2.9210, 3.5738

### Deuteranopia

211.9980, -6.9010, 20.1728



## Tritanopia

213.9590, -0.9658, 29.8540

# Trichromacy



## Original Color

213.0530, -6.9281, 28.8945

## Protanomaly

211.6380, -4.2585, 12.5955

## Deuteranomaly

212.6070, -7.2013, 23.1467

## Tritanomaly

213.6770, -3.2918, 29.2243

# Monochromacy



## Original Color

213.0530, -6.9281, 28.8945

## Achromatopsia

213.0000, 0.0000, 0.0000

## Achromatomaly

213.0830, -2.5059, 10.4512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.0530, -6.9281, 28.8945 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(246, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 199)  
}
```

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(246, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 199) }
```

## Border

The CSS property to change the border of an element to YUV 213.0530, -6.9281, 28.8945 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(246, 199, 199) }
```



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

```
.border{ border-color:rgb(246, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 213.0530, -6.9281, 28.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 199) }
```

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

```
.background{ background-color: rgb(246,  
199, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor