

# Converting Colors

YUV(207.1230, -3.0186,  
34.9721)

Have a look what the booklet for  
YUV(207.1230, -3.0186, 34.9721)  
contains.

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# Color

**YUV(207.1230, -3.0186,  
34.9721)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7BCC9
RGB	247, 188, 201
RGB Percent	97%, 74%, 79%
CMY	0.0314, 0.2627, 0.2118
CMYK	0.00, 0.24, 0.19, 0.03
HSL	347°, 79%, 85%
HSV	347°, 24%, 97%
XYZ	66.8836, 59.9576, 63.3062
YIQ	207.1230, 30.9910, 16.5510

# Conversions

## Conversions Part 2

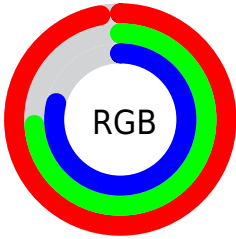
Format	Color
R <sub>Y</sub> B	247, 188, 201
Decimal	16235721
CIE Lab	81.82, 23.11, 1.72
CIE LCh	82, 23.178, 4.257
Yxy	59.9576, 0.3517, 0.3153
Android (android.graphics.Color)	4294425801 (0xFFF7BCC9)
YUV	207.1230, -3.0186, 34.9721
Hunter-Lab	77.4323, 18.6761, 5.7290

# Details

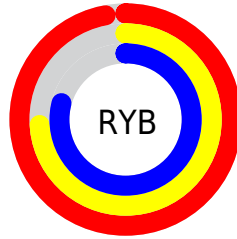
The YUV color  $207.1230, -3.0186, 34.9721$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $227.8770, 3.0186, -34.9721$ , and the grayscale version is  $207.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.5430, 3.1833, 5.6628$ , and  $152.2260, -2.5764, 33.1278$  is the 20% darker color. If you saturate the color by 10%, you get  $190.2820, -4.0830, 49.7417$ , and if you desaturate by 10%, it is  $223.9640, -1.9543, 20.2026$ .

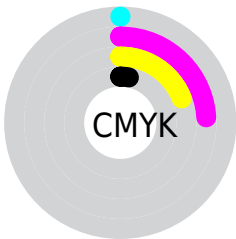
# Distribution



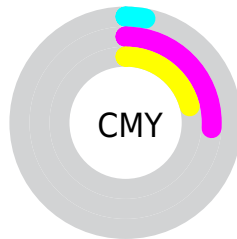
- Red (97%)
- Green (74%)
- Blue (79%)



- Red (97%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (3%)




- Cyan (3%)
- Magenta (26%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 207.1230, -3.0186, 34.9721 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 207.1230, -3.0186, 34.9721 by changing the saturation by 10% instead.



 207.1230, -3.0186,  
34.9721


 207.1230, -3.0186,  
34.9721


255.0000, 0.0000,  
0.0000


 179.5250, -2.7238,  
33.7426


 248.5430, 3.1833,  
5.6628

 152.2260, -2.5764,  
33.1278

 126.2150, -2.5710,  
31.3834

 100.7310, -1.8394,  
30.0539

 76.1330, -1.5446,  
28.8244

 52.5350, -1.2498,  
27.5948

 29.8660, 0.0661,

25.5505

■ 12.3020, -4.5859,  
24.2911

■ 0.0000, 0.0000,  
0.0000

■ 207.1230, -3.0186,  
34.9721

■ 207.1230, -3.0186,  
34.9721

■ 190.2820, -4.0830,  
49.7417

■ 223.9640, -1.9543,  
20.2026

■ 173.9140, -5.8736,  
64.0964

■ 240.3320, -0.1637,  
5.8478

■ 157.0730, -6.9380,  
78.8660

■ 252.6080, 1.1793,  
-4.9182

■ 140.2320, -8.0024,  
93.6355

■ 123.9780, -9.3562,  
107.8903

■ 107.0230,  
-10.8573, 122.7598

■ 90.1820, -11.9217,  
137.5294

■ 80.0090, -12.8224,  
146.4511

# Harmonies

## Analogous

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



207.5050, 7.6390, 23.2361



207.1230, -3.0186, 34.9721



205.9030, -12.7702, 36.0421

# Triad

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



207.1230, -3.0186, 34.9721



200.0150, -16.2764, -6.1522



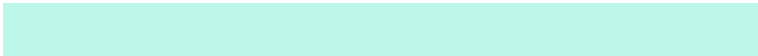
198.0890, 21.6481, -36.9121

# Complementary

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



207.1230, -3.0186, 34.9721



227.8770, 3.0186, -34.9721

# 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.



195.1390, 15.7075, -44.8489



207.1230, -3.0186, 34.9721



196.8260, -6.3232, -25.2804

# Square

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



207.1230, -3.0186, 34.9721



202.2840, -20.8460, 12.9059



194.8270, 5.5083, -40.1903



202.2100, 21.5885, -17.7242



# Rectangle

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



207.1230, -3.0186, 34.9721



205.2030, -17.8481, 31.3940



194.8270, 5.5083, -40.1903



196.4260, 20.4960, -40.7156

# Sweetspot

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



207.1230, -3.0186, 34.9721



242.8380, -0.9061, 10.6661



208.1810, 19.1378, 21.7663



120.6310, -0.3111, 6.4626



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.



207.1230, -3.0186, 34.9721



204.9500, -3.9193, 43.8939



215.0330, -13.3273, 28.0351



113.9300, -0.4585, 7.0774



60.2880, -9.5090, 110.2494



19.1230, -3.0186, 34.9721



# Inverse Universe

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



207.1230, -3.0186, 34.9721



204.9500, -3.9193, 43.8939



219.9670, 13.3273, -28.0351



113.9300, -0.4585, 7.0774



60.2880, -9.5090, 110.2494

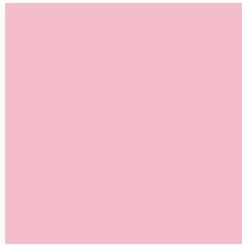


19.1230, -3.0186, 34.9721



# Previews

## White Background



This preview shows how the YUV color 207.1230, -3.0186, 34.9721 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

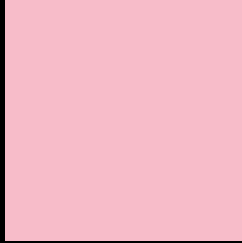
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.1230, -3.0186, 34.9721 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

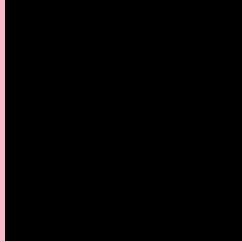
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 207.1230, -3.0186, 34.9721

## Background



This preview shows how black text looks on a background with the YUV color 207.1230, -3.0186, 34.9721.



This preview shows how white text looks on a background with the YUV color 207.1230, -3.0186,

34.9721.

# 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

207.1230, -3.0186, 34.9721

### Protanopia

204.5810, 2.1786, 1.2445

### Deuteranopia

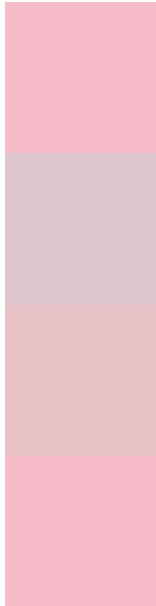
205.6000, -3.2538, 17.0138



## Tritanopia

207.2370, -2.5818, 34.8722

# Trichromacy



## Original Color

207.1230, -3.0186, 34.9721

## Protanomaly

205.7890, 0.1040, 13.3400

## Deuteranomaly

206.3450, -3.1281, 23.3764

## Tritanomaly

207.2370, -2.5818, 34.8722

# Monochromacy



## Original Color

207.1230, -3.0186, 34.9721

## Achromatopsia

207.0000, 0.0000, 0.0000

## Achromatomaly

207.1480, -1.0590, 13.0252

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.1230, -3.0186, 34.9721 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, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(247, 188, 201)  
}
```

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, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 188, 201) }
```

## Border

The CSS property to change the border of an element to YUV 207.1230, -3.0186, 34.9721 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, 188, 201) }
```



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

```
.border{ border-color:rgb(247, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(247, 188,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 207.1230, -3.0186, 34.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 188, 201) }
```

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

```
.background{ background-color: rgb(247,  
188, 201) }
```

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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