

# Converting Colors

YUV(211.3050, 7.7376, 38.3205)

Have a look what the booklet for  
YUV(211.3050, 7.7376, 38.3205)  
contains.

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# Color

**YUV(211.3050, 7.7376,  
38.3205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBAE3
RGB	255, 186, 227
RGB Percent	100%, 73%, 89%
CMY	0.0000, 0.2706, 0.1098
CMYK	0.00, 0.27, 0.11, 0.00
HSL	324°, 100%, 86%
HSV	324°, 27%, 100%
XYZ	72.6640, 61.9239, 80.7957
YIQ	211.3050, 27.9630, 27.3790

# Conversions

## Conversions Part 2

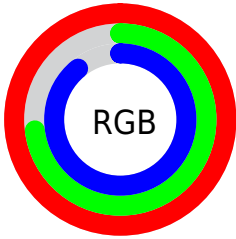
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 186, 227
Decimal	16759523
CIE <sub>Lab</sub>	82.87, 31.01, -10.60
CIE <sub>LCh</sub>	83, 32.774, 341.136
Yxy	61.9239, 0.3374, 0.2875
Android (android.graphics.Color)	4294949603 (0xFFFFBAE3)
YUV	211.3050, 7.7376, 38.3205
Hunter-Lab	78.6917, 27.1166, -5.7911

# Details

The YUV color  $211.3050, 7.7376, 38.3205$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $229.6950, -7.7376, -38.3205$ , and the grayscale version is  $211.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.9560, 3.4727, 6.1776$ , and  $155.9950, 7.8905, 35.9614$  is the 20% darker color. If you saturate the color by 10%, you get  $195.4900, 10.6044, 52.1903$ , and if you desaturate by 10%, it is  $227.1200, 4.8708, 24.4508$ .

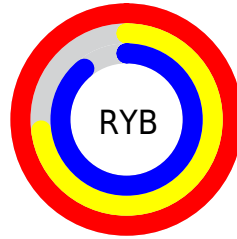
# Distribution



Red (100%)

Green (73%)

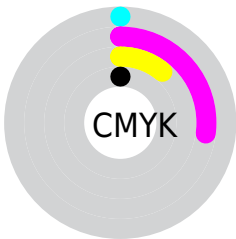
Blue (89%)



Red (100%)

Yellow (73%)

Blue (89%)

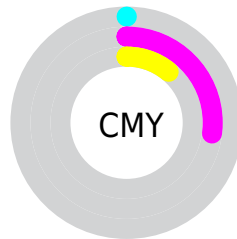


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.3050, 7.7376, 38.3205 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 211.3050, 7.7376, 38.3205 by changing the saturation by 10% instead.




 211.3050, 7.7376,  
38.3205

 211.3050, 7.7376,  
38.3205


255.0000, 0.0000,  
0.0000

 183.5930, 7.5957,  
37.1909


 247.9560, 3.4727,  
6.1776

 155.9950, 7.8905,  
35.9614

 129.5820, 7.6011,  
35.4466

 103.5710, 7.6065,  
33.7022

 78.9730, 7.9013,  
32.4727

 54.3750, 8.1961,  
31.2431

 29.9020, 8.9223,

31.6579

■ 16.0490, 5.8918,  
23.6360

■ 0.2990, -0.1474,  
0.6148

■ 211.3050, 7.7376,  
38.3205

■ 211.3050, 7.7376,  
38.3205

■ 195.4900, 10.6044,  
52.1903

■ 227.1200, 4.8708,  
24.4508

■ 178.9740, 13.3238,  
66.6748

■ 243.6360, 2.1515,  
9.9662

■ 162.5720, 16.4800,  
81.0594

■ 255.0000, 0.0000,  
0.0000

■ 146.7570, 19.3468,  
94.9291

■ 130.2410, 22.0662,  
109.4136

■ 114.4260, 24.9330,  
123.2834

■ 98.6110, 27.7998,  
137.1532

■ 93.5730, 28.8045,  
141.5715

# Harmonies

## Analogous

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



209.9950, 21.2015, 13.1594



211.3050, 7.7376, 38.3205



206.5970, -5.2243, 42.4494

# Triad

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



211.3050, 7.7376, 38.3205



203.6230, -28.4081, 11.7316



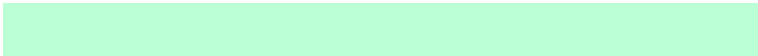
191.2590, 26.9873, -69.5101

# Complementary

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



211.3050, 7.7376, 38.3205



229.6950, -7.7376, -38.3205

# 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.



191.5080, 12.5676, -64.4665



211.3050, 7.7376, 38.3205



199.9230, -20.1750, -15.7185

# Square

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



211.3050, 7.7376, 38.3205



206.4670, -28.3312, 33.7934



195.3570, -5.1060, -42.4091



197.1350, 28.5274, -50.1074



# Rectangle

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



211.3050, 7.7376, 38.3205



205.4910, -14.5391, 43.4194



195.3570, -5.1060, -42.4091



190.2220, 23.0616, -70.3547

# Sweetspot

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



211.3050, 7.7376, 38.3205



242.3480, 2.2934, 11.0958



202.2380, 26.0117, 10.3153



119.6850, 1.1413, 7.2923



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.



211.3050, 7.7376, 38.3205



203.1040, 9.3157, 45.5128



207.4290, -7.1135, 41.7198



119.6850, 1.1413, 7.2923



70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466



# Inverse Universe

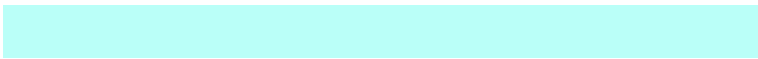
The Inverse Universe completely reimagines the original color for something new.



211.3050, 7.7376, 38.3205



203.1040, 9.3157, 45.5128



233.5710, 7.1135, -41.7198



119.6850, 1.1413, 7.2923



70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466



# Previews

## White Background



This preview shows how the YUV color 211.3050, 7.7376, 38.3205 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

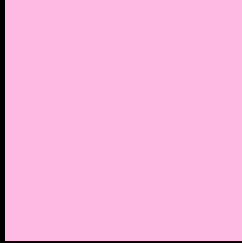
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.3050, 7.7376, 38.3205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

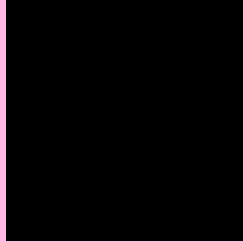
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 211.3050, 7.7376, 38.3205

## Background



This preview shows how black text looks on a background with the YUV color 211.3050, 7.7376, 38.3205.



This preview shows how white text looks on a background with the YUV color 211.3050, 7.7376,



# 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

211.3050, 7.7376, 38.3205

### Protanopia

207.6800, 15.4408, -5.8584

### Deuteranopia

209.0040, 7.3930, 8.7665



## Tritanopia

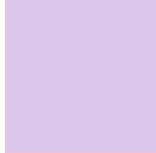
210.2480, -2.5873, 36.6165

# Trichromacy



## Original Color

211.3050, 7.7376, 38.3205



## Protanomaly

209.0950, 12.7712, 10.4407



## Deuteranomaly

210.0700, 7.3605, 19.2326



## Tritanomaly

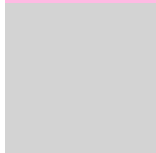
210.8720, 1.0491, 36.9463

# Monochromacy



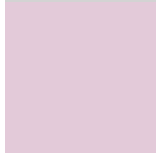
## Original Color

211.3050, 7.7376, 38.3205



## Achromatopsia

211.0000, 0.0000, 0.0000



## Achromatomaly

211.1850, 2.8668, 13.8698

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.3050, 7.7376, 38.3205 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, 186, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 227)  
}
```

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, 186, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 227) }
```

## Border

The CSS property to change the border of an element to YUV 211.3050, 7.7376, 38.3205 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, 186, 227) }
```



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

```
.border{ border-color:rgb(255, 186, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 211.3050, 7.7376, 38.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 227) }
```

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

```
.background{ background-color: rgb(255,  
186, 227) }
```

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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