

# Converting Colors

YUV(206.2340, 8.7586, 37.5058)

Have a look what the booklet for  
YUV(206.2340, 8.7586, 37.5058)  
contains.

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# Color

**YUV(206.2340, 8.7586,  
37.5058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9B5E0
RGB	249, 181, 224
RGB Percent	98%, 71%, 88%
CMY	0.0235, 0.2902, 0.1216
CMYK	0.00, 0.27, 0.10, 0.02
HSL	322°, 85%, 84%
HSV	322°, 27%, 98%
XYZ	69.0453, 58.5693, 78.1869
YIQ	206.2340, 26.7250, 27.7890

# Conversions

## Conversions Part 2

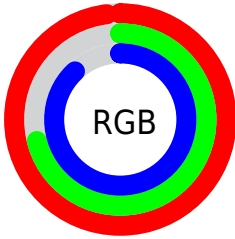
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 181, 224
Decimal	16365024
CIE Lab	81.05, 31.13, -11.76
CIE LCh	81, 33.282, 339.304
Yxy	58.5693, 0.3355, 0.2846
Android (android.graphics.Color)	4294555104 (0xFFFF9B5E0)
YUV	206.2340, 8.7586, 37.5058
Hunter-Lab	76.5306, 27.1129, -7.0018

# Details

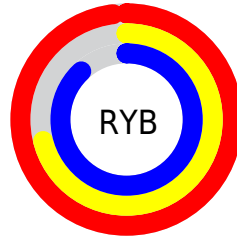
The YUV color  $206.2340, 8.7586, 37.5058$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $223.7660, -8.7586, -37.5058$ , and the grayscale version is  $206.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $244.4340, 5.2090, 9.2664$ , and  $151.2230, 8.7641, 35.7614$  is the 20% darker color. If you saturate the color by 10%, you get  $190.5330, 12.0622, 51.2756$ , and if you desaturate by 10%, it is  $221.9350, 5.4550, 23.7360$ .

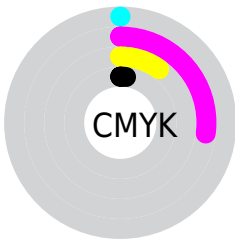
# Distribution



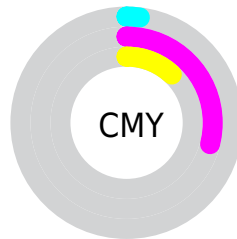
- Red (98%)
- Green (71%)
- Blue (88%)



- Red (98%)
- Yellow (71%)
- Blue (88%)



- Cyan (0%)
- Magenta (27%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.2340, 8.7586, 37.5058 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 206.2340, 8.7586, 37.5058 by changing the saturation by 10% instead.



 206.2340, 8.7586,  
37.5058


 206.2340, 8.7586,  
37.5058

255.0000, 0.0000,  
0.0000


 178.5220, 8.6167,  
36.3762

 244.4340, 5.2090,  
9.2664

 151.2230, 8.7641,  
35.7614

 125.0980, 8.3327,  
34.1171

 99.5000, 8.6275,  
32.8875

 74.7880, 8.4855,  
31.7579

 50.1900, 8.7803,  
30.5284

 25.8310, 9.9433,

30.8432

15.2230, 5.3131,  
22.6064

0.0000, 0.0000,  
0.0000

206.2340, 8.7586,  
37.5058

206.2340, 8.7586,  
37.5058

190.5330, 12.0622,  
51.2756

221.9350, 5.4550,  
23.7360

174.8320, 15.3658,  
65.0453

237.6360, 2.1515,  
9.9662

159.1310, 18.6694,  
78.8151

252.7500, -0.8628,  
-3.2887

143.3160, 21.5362,  
92.6849

253.2060, 0.8844,  
-3.6887

■ 128.2020, 24.5504,  
105.9398

■ 112.5010, 27.8540,  
119.7096

■ 96.8000, 31.1576,  
133.4794

■ 92.3490, 31.8729,  
137.3829

# Harmonies

## Analogous

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



205.2120, 22.0805, 11.2151



206.2340, 8.7586, 37.5058



202.7330, -4.7984, 45.8382

# Triad

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



206.2340, 8.7586, 37.5058



198.5200, -28.8504, 13.5760



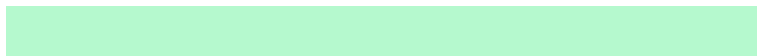
185.5360, 26.8508, -72.3841

# Complementary

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



206.2340, 8.7586, 37.5058



223.7660, -8.7586, -37.5058

# 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.



185.9810, 11.8414, -64.8813



206.2340, 8.7586, 37.5058



194.7060, -21.0541, -13.7742

# Square

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



206.2340, 8.7586, 37.5058



201.4780, -28.3367, 35.5378



190.4280, -6.1270, -41.5944



191.5090, 31.3011, -53.0664



# Rectangle

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



206.2340, 8.7586, 37.5058



201.5130, -14.5499, 46.9081



190.4280, -6.1270, -41.5944



184.7980, 22.7776, -72.6138

# Sweetspot

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



206.2340, 8.7586, 37.5058



242.4620, 2.7302, 10.9958



196.2270, 26.0171, 8.5709



119.7990, 1.5781, 7.1923



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.



206.2340, 8.7586, 37.5058



202.1580, 10.7681, 46.3424



202.3580, -6.0925, 40.9050



116.7990, 1.5781, 7.1923



70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023



# Inverse Universe

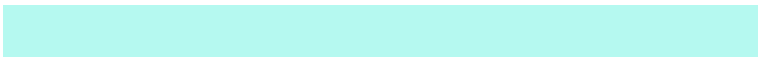
The Inverse Universe completely reimagines the original color for something new.



206.2340, 8.7586, 37.5058



202.1580, 10.7681, 46.3424



227.6420, 6.0925, -40.9050



116.7990, 1.5781, 7.1923



70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023



# Previews

## White Background



This preview shows how the YUV color 206.2340, 8.7586, 37.5058 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

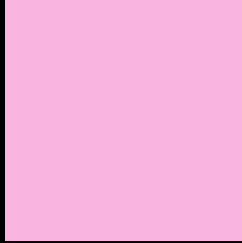
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.2340, 8.7586, 37.5058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

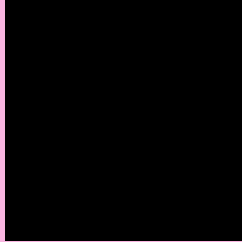
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 206.2340, 8.7586, 37.5058

## Background



This preview shows how black text looks on a background with the YUV color 206.2340, 8.7586, 37.5058.



This preview shows how white text looks on a background with the YUV color 206.2340, 8.7586,

37.5058.

# 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

206.2340, 8.7586, 37.5058

### Protanopia

202.6090, 16.4618, -6.6731

### Deuteranopia

203.6340, 8.5614, 7.3370



## Tritanopia

204.9490, -2.4399, 36.0017

# Trichromacy



## Original Color

206.2340, 8.7586, 37.5058



## Protanomaly

204.0240, 13.7922, 9.6260



## Deuteranomaly

204.7000, 8.5289, 17.8031



## Tritanomaly

205.6870, 1.6333, 36.2315

# Monochromacy



## Original Color

206.2340, 8.7586, 37.5058



## Achromatopsia

206.0000, 0.0000, 0.0000



## Achromatomaly

206.2990, 3.3036, 13.7698

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.2340, 8.7586, 37.5058 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(249, 181, 224)` looks like.

```
.text, #text, p{  
    color:rgb(249, 181, 224)  
}
```

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(249, 181, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 181, 224) }
```

## Border

The CSS property to change the border of an element to YUV 206.2340, 8.7586, 37.5058 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(249, 181, 224) }
```



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

```
.border{ border-color:rgb(249, 181, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 181, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 181, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 181, 224);  
box-shadow:4px 4px 4px 4px rgb(249, 181,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 206.2340, 8.7586, 37.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 181, 224) }
```

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

```
.background{ background-color: rgb(249,  
181, 224) }
```

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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