

# Converting Colors

YUV(207.5430, -6.6767,  
41.6198)

Have a look what the booklet for  
YUV(207.5430, -6.6767, 41.6198)  
contains.

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# Color

**YUV(207.5430, -6.6767,  
41.6198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBAC2
RGB	255, 186, 194
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2706, 0.2392
CMYK	0.00, 0.27, 0.24, 0.00
HSL	353°, 100%, 86%
HSV	353°, 27%, 100%
XYZ	68.5365, 60.2729, 59.0605
YIQ	207.5430, 38.5560, 17.1160

# Conversions

## Conversions Part 2

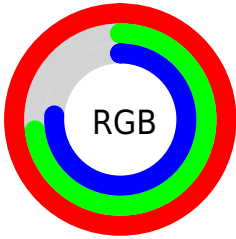
Format	Color
R <sub>Y</sub> B	255, 186, 194
Decimal	16759490
CIE Lab	81.99, 26.01, 5.83
CIE LCh	82, 26.656, 12.642
Yxy	60.2729, 0.3648, 0.3208
Android (android.graphics.Color)	4294949570 (0xFFFFBAC2)
YUV	207.5430, -6.6767, 41.6198
Hunter-Lab	77.6356, 21.7171, 9.2406

# Details

The YUV color  $207.5430, -6.6767, 41.6198$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $233.4570, 6.6767, -41.6198$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $246.7990, 1.5781, 7.1923$ , and  $152.3470, -6.0871, 39.1607$  is the 20% darker color. If you saturate the color by 10%, you get  $190.2460, -9.4883, 56.7893$ , and if you desaturate by 10%, it is  $224.8400, -3.8651, 26.4503$ .

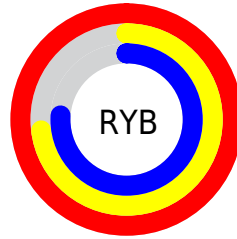
# Distribution



Red (100%)

Green (73%)

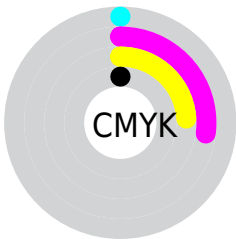
Blue (76%)



Red (100%)

Yellow (73%)

Blue (76%)

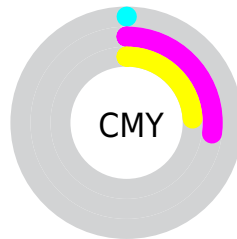


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.5430, -6.6767, 41.6198 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 207.5430, -6.6767, 41.6198 by changing the saturation by 10% instead.




 207.5430, -6.6767,  
41.6198

 207.5430, -6.6767,  
41.6198


255.0000, 0.0000,  
0.0000


 179.9450, -6.3819,  
40.3902


 246.7990, 1.5781,  
7.1923

 152.3470, -6.0871,  
39.1607

 126.4500, -5.6449,  
37.3163

 100.9660, -4.9132,  
35.9868

 76.0690, -4.4710,  
34.1425

 52.2860, -3.5920,  
32.1982

 29.0300, -1.9868,

30.6687

■ 12.8570, -6.3385,  
26.4354

■ 0.0000, 0.0000,  
0.0000

■ 207.5430, -6.6767,  
41.6198

■ 207.5430, -6.6767,  
41.6198

■ 190.2460, -9.4883,  
56.7893

■ 224.8400, -3.8651,  
26.4503

■ 172.4760,  
-11.5737, 72.3735

■ 242.6100, -1.7797,  
10.8660

■ 154.5920,  
-14.0959, 88.0578

255.0000, 0.0000,  
0.0000

■ 137.4090,  
-16.4706, 103.1273

■ 119.5250,  
-18.9928, 118.8116

■ 102.3420,  
-21.3676, 133.8811

■ 85.0450, -24.1792,  
149.0505

■ 79.6650, -24.4848,  
153.7688

# Harmonies

## Analogous

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



208.5770, 5.1385, 31.9430



207.5430, -6.6767, 41.6198



206.0730, -17.2910, 39.4010

# Triad

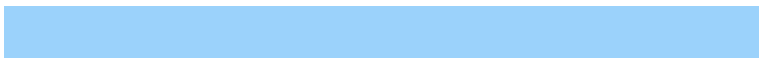
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



207.5430, -6.6767, 41.6198



198.7860, -15.6705, -13.8443



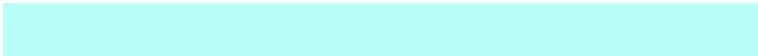
198.2290, 26.0161, -37.9118

# Complementary

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



207.5430, -6.6767, 41.6198



233.4570, 6.6767, -41.6198

# 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.



193.8760, 21.2601, -52.5113



207.5430, -6.6767, 41.6198



195.4550, -3.6753, -34.6020

# Square

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



207.5430, -6.6767, 41.6198



201.9800, -23.1611, 8.7875



193.0260, 10.3402, -50.0118



204.1010, 23.6142, -14.1206



# Rectangle

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



207.5430, -6.6767, 41.6198



205.0630, -22.2161, 32.3937



193.0260, 10.3402, -50.0118



196.8430, 24.7274, -44.5893

# Sweetspot

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



207.5430, -6.6767, 41.6198



241.2080, -2.0745, 12.0956



212.1050, 21.1472, 30.6029



119.0010, -1.4795, 7.8921



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.



207.5430, -6.6767, 41.6198



198.6580, -7.7194, 49.4119



221.8930, -17.6952, 29.0348



119.0010, -1.4795, 7.8921



59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459



# Inverse Universe

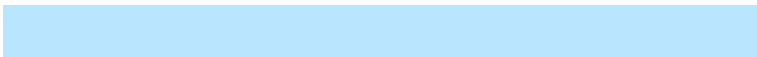
The Inverse Universe completely reimagines the original color for something new.



207.5430, -6.6767, 41.6198



198.6580, -7.7194, 49.4119



219.1070, 17.6952, -29.0348



119.0010, -1.4795, 7.8921



59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459



# Previews

## White Background



This preview shows how the YUV color 207.5430, -6.6767, 41.6198 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

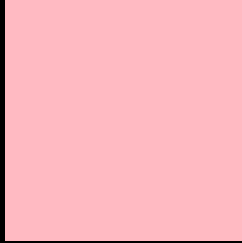
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.5430, -6.6767, 41.6198 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 207.5430, -6.6767, 41.6198

## Background



This preview shows how black text looks on a background with the YUV color 207.5430, -6.6767, 41.6198.



This preview shows how white text looks on a background with the YUV color 207.5430, -6.6767,

41.6198.

# 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

207.5430, -6.6767, 41.6198

### Protanopia

204.6090, -0.3002, 2.9739

### Deuteranopia

205.9980, -6.9010, 20.1728



## Tritanopia

207.5260, -4.2033, 41.6347

# Trichromacy



## Original Color

207.5430, -6.6767, 41.6198

## Protanomaly

205.7140, -2.8170, 16.9138

## Deuteranomaly

206.4550, -6.6333, 27.6650

## Tritanomaly

207.2980, -5.0769, 41.8347

# Monochromacy



## Original Color

207.5430, -6.6767, 41.6198

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.8170, -2.3748, 15.0695

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.5430, -6.6767, 41.6198 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 194) }
```

## Border

The CSS property to change the border of an element to YUV 207.5430, -6.6767, 41.6198 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, 194) }
```



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

```
.border{ border-color:rgb(255, 186, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 207.5430, -6.6767, 41.6198 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
186, 194) }
```

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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