

# Converting Colors

YUV(208.0330, -9.8763,  
41.1901)

Have a look what the booklet for  
YUV(208.0330, -9.8763, 41.1901)  
contains.

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# Color

**YUV(208.0330, -9.8763,  
41.1901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBCBC
RGB	255, 188, 188
RGB Percent	100%, 74%, 74%
CMY	0.0000, 0.2627, 0.2627
CMYK	0.00, 0.26, 0.26, 0.00
HSL	0°, 100%, 87%
HSV	0°, 26%, 100%
XYZ	68.3003, 60.8573, 55.7238
YIQ	208.0330, 39.9320, 14.2040

# Conversions

## Conversions Part 2

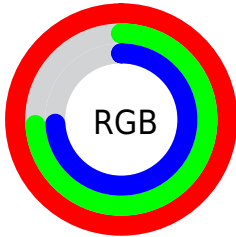
Format	Color
R <sub>Y</sub> B	255, 188, 188
Decimal	16759996
CIE Lab	82.30, 24.13, 9.51
CIE LCh	82, 25.939, 21.506
Yxy	60.8573, 0.3694, 0.3292
Android (android.graphics.Color)	4294950076 (0xFFFFBCBC)
YUV	208.0330, -9.8763, 41.1901
Hunter-Lab	78.0111, 19.7611, 12.2566

# Details

The YUV color  $208.0330, -9.8763, 41.1901$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $234.9670, 9.8763, -41.1901$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.8760, -1.9109, 6.2477$ , and  $152.9510, -8.8498, 38.6310$  is the 20% darker color. If you saturate the color by 10%, you get  $190.5080, -13.5614, 56.5595$ , and if you desaturate by 10%, it is  $226.2590, -6.0437, 25.2059$ .

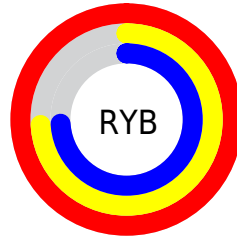
# Distribution



Red (100%)

Green (74%)

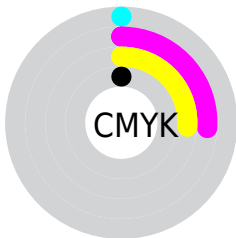
Blue (74%)



Red (100%)

Yellow (74%)

Blue (74%)

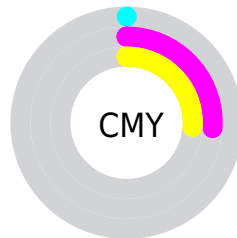


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 208.0330, -9.8763, 41.1901 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 208.0330, -9.8763, 41.1901 by changing the saturation by 10% instead.




 208.0330, -9.8763,  
41.1901


 208.0330, -9.8763,  
41.1901

255.0000, 0.0000,  
0.0000


 180.4350, -9.5815,  
39.9605


 247.8760, -1.9109,  
6.2477

 152.9510, -8.8498,  
38.6310

 127.0540, -8.4076,  
36.7866

 101.4560, -8.1128,  
35.5571

 76.6730, -7.2338,  
33.6128

 52.8900, -6.3548,  
31.6685

 29.9220, -4.8915,

29.0094

■ 12.5580, -6.1911,  
25.8206

■ 0.0000, 0.0000,  
0.0000

■ 208.0330, -9.8763,  
41.1901

■ 208.0330, -9.8763,  
41.1901

■ 190.5080,  
-13.5614, 56.5595

■ 226.2590, -6.0437,  
25.2059

■ 172.2820,  
-17.3940, 72.5437

■ 243.7840, -2.3585,  
9.8364

■ 154.7570,  
-21.0792, 87.9131

255.0000, 0.0000,  
0.0000

■ 136.5310,  
-24.9118, 103.8973

■ 119.0060,  
-28.5970, 119.2667

■ 100.7800,  
-32.4295, 135.2509

■ 83.2550, -36.1147,  
150.6204

■ 76.2450, -37.5888,  
156.7681

# Harmonies

## Analogous

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



209.0890, 1.9281, 35.0019



208.0330, -9.8763, 41.1901



206.5950, -19.0273, 36.3122

# Triad

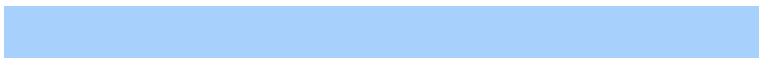
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208.0330, -9.8763, 41.1901



198.9640, -12.3073, -19.2624



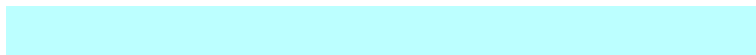
201.3440, 24.9734, -30.1197

# Complementary

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



208.0330, -9.8763, 41.1901



234.9670, 9.8763, -41.1901

# 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.



196.2510, 22.5543, -47.5781



208.0330, -9.8763, 41.1901



195.5730, 0.7035, -39.0905

# Square

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



208.0330, -9.8763, 41.1901



202.1040, -21.2503, 2.5398



193.9380, 13.8346, -50.8116



206.2870, 21.5505, -5.5137



# Rectangle

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



208.0330, -9.8763, 41.1901



205.2150, -22.7840, 27.8754



193.9380, 13.8346, -50.8116



199.3000, 24.9951, -37.0971

# Sweetspot

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



208.0330, -9.8763, 41.1901



240.9800, -2.9481, 12.2955



215.6710, 19.3892, 34.4915



118.8870, -1.9163, 7.9921



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.



208.0330, -9.8763, 41.1901



197.5180, -12.0874, 50.4117



227.9910, -19.7156, 23.6869



118.8870, -1.9163, 7.9921



57.1090, -28.1547, 117.4224



19.1360, -9.4340, 39.3457



# Inverse Universe

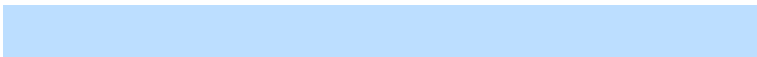
The Inverse Universe completely reimagines the original color for something new.



234.9670, 9.8763, -41.1901



230.4820, 12.0874, -50.4117



215.5960, 19.4262, -24.2017



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457



# Previews

## White Background



This preview shows how the YUV color 208.0330, -9.8763, 41.1901 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

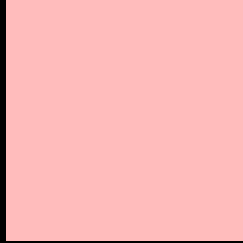
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.0330, -9.8763, 41.1901 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 208.0330, -9.8763, 41.1901

## Background



This preview shows how black text looks on a background with the YUV color 208.0330, -9.8763, 41.1901.



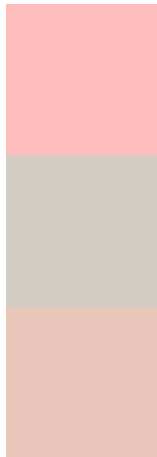
This preview shows how white text looks on a background with the YUV color 208.0330, -9.8763,



# 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

208.0330, -9.8763, 41.1901

### Protanopia

205.2950, -4.0894, 5.0033

### Deuteranopia

206.7980, -10.2534, 22.1022



## Tritanopia

208.8140, -4.3453, 40.5051

# Trichromacy



## Original Color

208.0330, -9.8763, 41.1901

## Protanomaly

206.2150, -6.0220, 18.2284

## Deuteranomaly

206.9560, -9.8383, 28.9796

## Tritanomaly

208.3580, -6.0925, 40.9050

# Monochromacy



## Original Color

208.0330, -9.8763, 41.1901

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

208.1760, -3.5378, 14.7546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.0330, -9.8763, 41.1901 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, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 188)  
}
```

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, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 188) }
```

## Border

The CSS property to change the border of an element to YUV 208.0330, -9.8763, 41.1901 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, 188, 188) }
```



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

```
.border{ border-color:rgb(255, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 208.0330, -9.8763, 41.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 188) }
```

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

```
.background{ background-color: rgb(255,  
188, 188) }
```

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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