

# Converting Colors

YUV(208.6200, -10.1657,  
40.6753)

Have a look what the booklet for  
YUV(208.6200, -10.1657, 40.6753)  
contains.

<b>YUV(208.6200, -10.1657, 40.6753)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(208.6200, -10.1657,  
40.6753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBDBC
RGB	255, 189, 188
RGB Percent	100%, 74%, 74%
CMY	0.0000, 0.2588, 0.2627
CMYK	0.00, 0.26, 0.26, 0.00
HSL	1°, 100%, 87%
HSV	1°, 26%, 100%
XYZ	68.5147, 61.2860, 55.7952
YIQ	208.6200, 39.6570, 13.6810

# Conversions

## Conversions Part 2

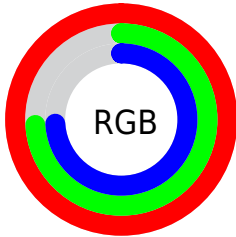
Format	Color
R <sub>Y</sub> B	255, 189, 188
Decimal	16760252
CIE Lab	82.53, 23.61, 9.84
CIE LCh	83, 25.577, 22.622
Yxy	61.2860, 0.3692, 0.3302
Android (android.graphics.Color)	4294950332 (0xFFFFBDBC)
YUV	208.6200, -10.1657, 40.6753
Hunter-Lab	78.2854, 19.2222, 12.5429

# Details

The YUV color  $208.6200, -10.1657, 40.6753$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $234.3800, 10.1657, -40.6753$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.4630, -2.2003, 5.7329$ , and  $153.5380, -9.1392, 38.1162$  is the 20% darker color. If you saturate the color by 10%, you get  $191.0950, -13.8508, 56.0447$ , and if you desaturate by 10%, it is  $226.2590, -6.0437, 25.2059$ .

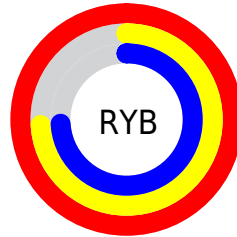
# Distribution



Red (100%)

Green (74%)

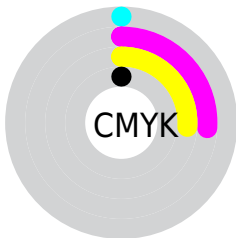
Blue (74%)



Red (100%)

Yellow (74%)

Blue (74%)

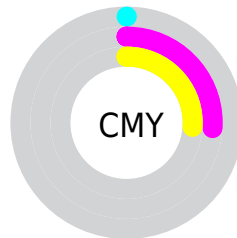


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.6200, -10.1657, 40.6753 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 208.6200, -10.1657, 40.6753 by changing the saturation by 10% instead.




 208.6200,  
-10.1657, 40.6753

 208.6200,  
-10.1657, 40.6753


255.0000, 0.0000,  
0.0000


 181.0220, -9.8708,  
39.4457


 248.4630, -2.2003,  
5.7329

 153.5380, -9.1392,  
38.1162

 127.6410, -8.6970,  
36.2718

 102.0430, -8.4022,  
35.0423

 77.2600, -7.5232,  
33.0980

 53.4770, -6.6442,  
31.1537

 30.8080, -5.3283,

29.1094

■ 12.5580, -6.1911,  
25.8206

■ 0.0000, 0.0000,  
0.0000

■ 208.6200,  
-10.1657, 40.6753

■ 208.6200,  
-10.1657, 40.6753

■ 191.0950,  
-13.8508, 56.0447

■ 226.2590, -6.0437,  
25.2059

■ 173.4560,  
-17.9728, 71.5141

■ 243.7840, -2.3585,  
9.8364

■ 155.9310,  
-21.6580, 86.8835

255.0000, 0.0000,  
0.0000

■ 138.2920,  
-25.7800, 102.3529

■ 120.1800,  
-29.1757, 118.2371

■ 102.5410,  
-33.2977, 133.7065

■ 85.0160, -36.9829,  
149.0760

■ 78.5930, -38.7463,  
154.7089

# Harmonies

## Analogous

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



209.8610, 1.0545, 35.2019



208.6200, -10.1657, 40.6753



206.8830, -19.1693, 35.1826

# Triad

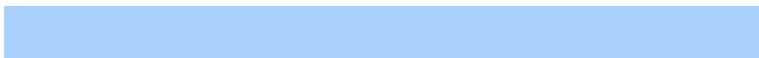
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208.6200, -10.1657, 40.6753



199.7790, -11.7230, -19.9772



201.9420, 24.6786, -28.8901

# Complementary

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



208.6200, -10.1657, 40.6753



234.3800, 10.1657, -40.6753

# 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.



197.5500, 22.4069, -46.9633



208.6200, -10.1657, 40.6753



196.5730, 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.



208.6200, -10.1657, 40.6753



202.6200, -20.5187, 1.2103



195.2370, 13.6872, -50.1968



206.8850, 21.2557, -4.2841



# Rectangle

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



208.6200, -10.1657, 40.6753



205.6170, -22.4892, 26.6459



195.2370, 13.6872, -50.1968



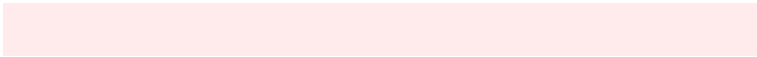
200.5990, 24.8477, -36.4823

# Sweetspot

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



208.6200, -10.1657, 40.6753



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.



208.6200, -10.1657, 40.6753



198.6920, -12.6662, 49.3821



227.9910, -19.7156, 23.6869



118.8870, -1.9163, 7.9921



58.8700, -29.0229, 115.8780



19.7230, -9.7234, 38.8309

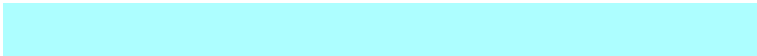


# Inverse Universe

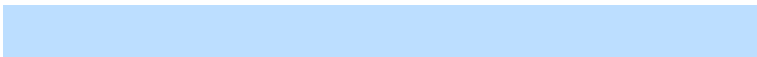
The Inverse Universe completely reimagines the original color for something new.



234.3800, 10.1657, -40.6753



229.8950, 12.3768, -49.8969



215.5960, 19.4262, -24.2017



123.5260, 2.2057, -7.4773



132.1300, 29.0229, -115.8780



44.2770, 9.7234, -38.8309



# Previews

## White Background



This preview shows how the YUV color 208.6200, -10.1657, 40.6753 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

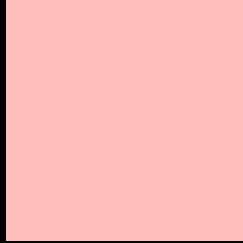
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.6200, -10.1657, 40.6753 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

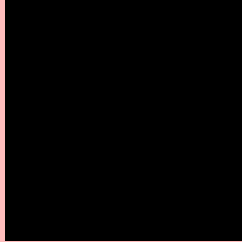
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 208.6200, -10.1657, 40.6753

## Background



This preview shows how black text looks on a background with the YUV color 208.6200, -10.1657, 40.6753.



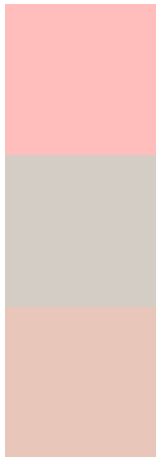
This preview shows how white text looks on a background with the YUV color 208.6200, -10.1657, 40.6753.

40.6753.

# 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

208.6200, -10.1657, 40.6753

### Protanopia

206.1810, -4.5262, 5.1033

### Deuteranopia

207.0970, -10.4008, 22.7169



## **Tritanopia**

209.5150, -4.1979, 39.8903

# Trichromacy



## Original Color

208.6200, -10.1657, 40.6753

## Protanomaly

207.1010, -6.4588, 18.3284

## Deuteranomaly

207.8420, -10.2751, 29.0796

## Tritanomaly

208.9450, -6.3819, 40.3902

# Monochromacy



## Original Color

208.6200, -10.1657, 40.6753

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

209.0620, -3.9746, 14.8546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.6200, -10.1657, 40.6753 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, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 188) }
```

## Border

The CSS property to change the border of an element to YUV 208.6200, -10.1657, 40.6753 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, 189, 188) }
```



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

```
.border{ border-color:rgb(255, 189, 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, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 208.6200, -10.1657, 40.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 188) }
```

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

```
.background{ background-color: rgb(255,  
189, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor