

# Converting Colors

YUV(208.3460, 8.7034, 8.4666)

Have a look what the booklet for  
YUV(208.3460, 8.7034, 8.4666)  
contains.

<b>YUV(208.3460, 8.7034, 8.4666)</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(208.3460, 8.7034,  
8.4666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC8E2
RGB	218, 200, 226
RGB Percent	85%, 78%, 89%
CMY	0.1451, 0.2157, 0.1137
CMYK	0.04, 0.12, 0.00, 0.11
HSL	282°, 31%, 84%
HSV	282°, 12%, 89%
XYZ	63.2952, 61.7050, 80.5257
YIQ	208.3460, 2.3820, 11.9020

# Conversions

## Conversions Part 2

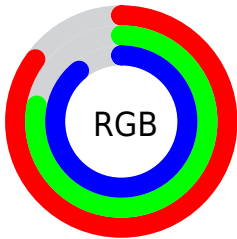
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 200, 226
Decimal	14338274
CIE <sub>Lab</sub>	82.76, 10.96, -10.60
CIE <sub>LCh</sub>	83, 15.242, 315.960
Yxy	61.7050, 0.3080, 0.3002
Android (android.graphics.Color)	4292528354 (0xFFDAC8E2)
YUV	208.3460, 8.7034, 8.4666
Hunter-Lab	78.5525, 6.3629, -5.7926

# Details

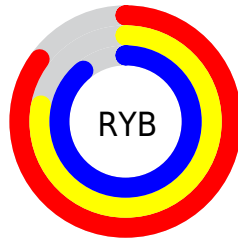
The YUV color `208.3460, 8.7034, 8.4666` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `217.6540, -8.7034, -8.4666`, and the grayscale version is `208.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `153.9330, 8.4140, 7.9518` is the 20% darker color. If you saturate the color by 10%, you get `192.7520, 16.3913, 16.0035`, and if you desaturate by 10%, it is `223.9400, 1.0156, 0.9296`.

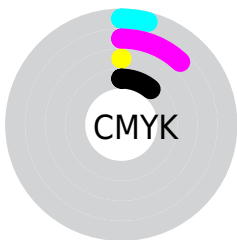
# Distribution



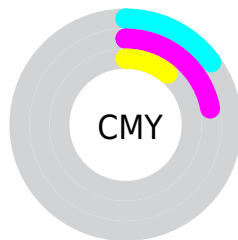
- Red (85%)
- Green (78%)
- Blue (89%)



- Red (85%)
- Yellow (78%)
- Blue (89%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (22%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.3460, 8.7034, 8.4666 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 208.3460, 8.7034, 8.4666 by changing the saturation by 10% instead.



■ 208.3460, 8.7034,  
8.4666

■ 208.3460, 8.7034,  
8.4666

255.0000, 0.0000,  
0.0000

■ 180.9330, 8.4140,  
7.9518

■ 153.9330, 8.4140,  
7.9518

■ 127.8190, 7.9772,  
8.0517

■ 103.1070, 7.8352,  
6.9222

■ 78.9930, 7.3985,  
7.0221

■ 55.5800, 7.1091,  
6.5073

■ 34.1670, 6.8197,

5.9925

■ 11.4170, 7.6824,  
9.2813

■ 0.0000, 0.0000,  
0.0000

■ 208.3460, 8.7034,  
8.4666

■ 208.3460, 8.7034,  
8.4666

■ 192.7520, 16.3913,  
16.0035

■ 223.9400, 1.0156,  
0.9296

■ 177.7450, 23.7897,  
23.0256

■ 238.9470, -6.3829,  
-6.0925

■ 162.1510, 31.4776,  
30.5626

■ 246.9100,  
-10.3086, -6.9371

■ 147.1440, 38.8760,  
37.5847

■ 249.0030,  
-11.3405, -2.6336

■ 131.5500, 46.5638,  
45.1216

■ 251.0960,  
-12.3723, 1.6698

■ 115.9560, 54.2517,  
52.6586

■ 251.6940,  
-12.6671, 2.8994

■ 100.9490, 61.6501,  
59.6807

■ 85.3550, 69.3380,  
67.2177

■ 72.4080, 75.7209,  
73.3102

# Harmonies

## Analogous

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



206.6970, 12.9674, -5.8733



208.3460, 8.7034, 8.4666



208.9900, 1.9769, 19.3028

# Triad

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



208.3460, 8.7034, 8.4666



206.5430, -13.5787, 15.3098



200.7300, 6.0491, -26.9502

# Complementary

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



208.3460, 8.7034, 8.4666



217.6540, -8.7034, -8.4666

# 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.



201.5260, -1.2453, -20.6323



208.3460, 8.7034, 8.4666



204.2920, -12.9620, 4.1289

# Square

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



208.3460, 8.7034, 8.4666



207.9830, -10.8376, 22.8169



203.3550, -8.5560, -9.0813



201.9240, 11.8695, -27.1203



# Rectangle

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



208.3460, 8.7034, 8.4666



208.8720, -2.4019, 23.7913



203.3550, -8.5560, -9.0813



201.3450, 3.2809, -25.7356

# Sweetspot

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



208.3460, 8.7034, 8.4666



249.7060, 2.6099, 2.8888



207.6600, 9.0416, -6.7178



123.8800, 2.0312, 1.8592



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.



208.3460, 8.7034, 8.4666



230.5790, 12.0396, 11.7702



210.1680, 5.3402, 13.8847



104.6460, 3.6255, 3.8185



56.5420, 58.8928, 57.4067



15.6380, 15.9545, 16.1035



# Inverse Universe

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



208.6860, -0.3382, 15.1844



231.0180, -0.5019, 21.0322



215.8320, -5.3402, -13.8847



104.6310, -0.3111, 6.4626



58.7800, -2.3565, 102.8019

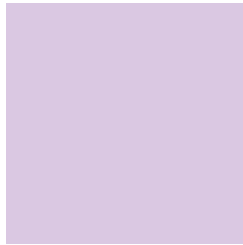


16.0620, -0.5236, 28.0096



# Previews

## White Background



This preview shows how the YUV color 208.3460, 8.7034, 8.4666 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 208.3460, 8.7034, 8.4666 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

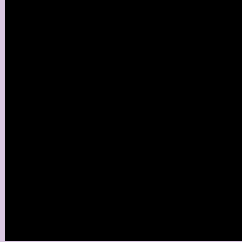
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 208.3460, 8.7034, 8.4666

## Background



This preview shows how black text looks on a background with the YUV color 208.3460, 8.7034, 8.4666.



This preview shows how white text looks on a background with the YUV color 208.3460, 8.7034,

8.4666.

# 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

208.3460, 8.7034, 8.4666

### Protanopia

207.1380, 10.7780, -3.6290

### Deuteranopia

208.0470, 8.8508, 7.8518



## Tritanopia

207.6080, 4.6303, 8.2368

# Trichromacy



## Original Color

208.3460, 8.7034, 8.4666

## Protanomaly

207.3450, 10.1829, 0.5744

## Deuteranomaly

208.0470, 8.8508, 7.8518

## Tritanomaly

207.9500, 5.9406, 7.9368

# Monochromacy



## Original Color

208.3460, 8.7034, 8.4666

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

208.2330, 3.3361, 3.3037

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.3460, 8.7034, 8.4666 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(218, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(218, 200, 226)  
}
```

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(218, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 200, 226) }
```

## Border

The CSS property to change the border of an element to YUV 208.3460, 8.7034, 8.4666 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(218, 200, 226) }
```



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

```
.border{ border-color:rgb(218, 200, 226) }
```

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

Here you see how a box with a 4 pixel rgb(218, 200, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 200,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 208.3460, 8.7034, 8.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 200, 226) }
```

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

```
.background{ background-color: rgb(218,  
200, 226) }
```

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