

# Converting Colors

YUV(208.0910, 8.8291, 14.8292)

Have a look what the booklet for  
YUV(208.0910, 8.8291, 14.8292)  
contains.

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# Color

**YUV(208.0910, 8.8291,  
14.8292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1C4E2
RGB	225, 196, 226
RGB Percent	88%, 77%, 89%
CMY	0.1176, 0.2314, 0.1137
CMYK	0.00, 0.13, 0.00, 0.11
HSL	298°, 34%, 83%
HSV	298°, 13%, 89%
XYZ	64.5187, 60.9784, 80.3210
YIQ	208.0910, 7.6540, 15.4780

# Conversions

## Conversions Part 2

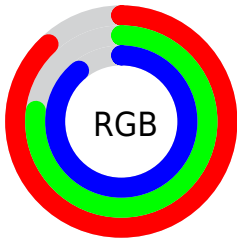
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 196, 226
Decimal	14796002
CIE Lab	82.37, 15.43, -11.11
CIE LCh	82, 19.015, 324.237
Yxy	60.9784, 0.3135, 0.2963
Android (android.graphics.Color)	4292986082 (0xFFE1C4E2)
YUV	208.0910, 8.8291, 14.8292
Hunter-Lab	78.0887, 10.8258, -6.3229

# Details

The YUV color  $208.0910, 8.8291, 14.8292$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $213.9090, -8.8291, -14.8292$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8260, 0.5788, 1.0296$ , and  $153.6780, 8.5397, 14.3144$  is the 20% darker color. If you saturate the color by 10%, you get  $194.2910, 15.6325, 26.0548$ , and if you desaturate by 10%, it is  $221.8910, 2.0257, 3.6036$ .

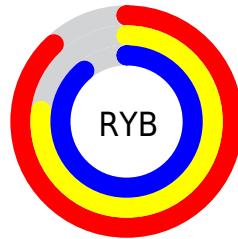
# Distribution



Red (88%)

Green (77%)

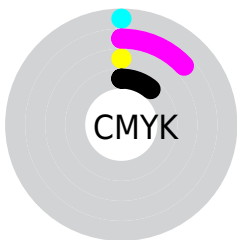
Blue (89%)



Red (88%)

Yellow (77%)

Blue (89%)

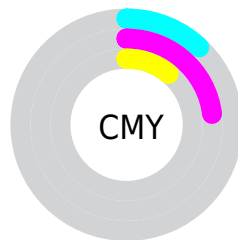


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (23%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.0910, 8.8291, 14.8292 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 208.0910, 8.8291, 14.8292 by changing the saturation by 10% instead.



208.0910, 8.8291,  
14.8292

208.0910, 8.8291,  
14.8292

255.0000, 0.0000,  
0.0000

180.6780, 8.5397,  
14.3144

253.8260, 0.5788,  
1.0296

153.6780, 8.5397,  
14.3144

127.8520, 7.9610,  
13.2848

102.5530, 8.1084,  
12.6700

78.1400, 7.8190,  
12.1552

55.6130, 7.0928,  
11.7404

33.3140, 7.2402,

11.1256

■ 11.1510, 7.8136,  
13.8996

■ 0.0000, 0.0000,  
0.0000

■ 208.0910, 8.8291,  
14.8292

■ 208.0910, 8.8291,  
14.8292

■ 194.2910, 15.6325,  
26.0548

■ 221.8910, 2.0257,  
3.6036

■ 181.0780, 22.1465,  
36.7656

■ 235.1040, -4.4883,  
-7.1072

■ 167.5770, 28.8025,  
48.6060

■ 243.3220, -8.5397,  
-14.3144

■ 154.3640, 35.3165,  
59.3168

■ 243.6210, -8.6872,  
-13.6996

140.5640, 42.1199,  
70.5424

243.9200, -8.8346,  
-13.0848

126.7640, 48.9233,  
81.7680

244.2190, -8.9820,  
-12.4701

113.8500, 55.2900,  
93.0936

244.5180, -9.1294,  
-11.8553

100.0500, 62.0934,  
104.3192

244.8170, -9.2768,  
-11.2405

90.9460, 66.5816,  
111.4264

# Harmonies

## Analogous

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



206.5880, 14.9931, -2.2697



208.0910, 8.8291, 14.8292



208.5780, 0.2080, 26.6801

# Triad

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



208.0910, 8.8291, 14.8292



204.9190, -17.2151, 14.9800



198.4130, 10.1494, -35.4422

# Complementary

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



208.0910, 8.8291, 14.8292



213.9090, -8.8291, -14.8292

# 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.



198.7530, 1.1078, -28.7244



208.0910, 8.8291, 14.8292



202.4010, -14.9877, 0.5253

# Square

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



208.0910, 8.8291, 14.8292



206.6800, -14.6322, 26.5906



200.7240, -8.2449, -15.5439



199.7430, 16.3957, -32.2236



# Rectangle

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



208.0910, 8.8291, 14.8292



208.4060, -5.6232, 30.3389



200.7240, -8.2449, -15.5439



198.0280, 7.3812, -34.2276

# Sweetspot

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



208.0910, 8.8291, 14.8292



249.1300, 2.8939, 5.1480



200.0070, 12.8145, -3.5141



123.5920, 2.1731, 2.9888



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.



208.0910, 8.8291, 14.8292



230.6340, 12.0124, 20.4920



206.7940, 2.5666, 16.8437



105.5430, 3.1833, 5.6628



70.8940, 51.8173, 86.9160



19.5250, 14.0382, 24.0956

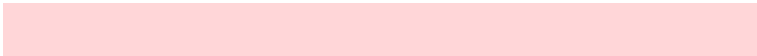


# Inverse Universe

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



205.0840, -3.9854, 18.3433



226.4870, -5.1701, 25.0059



215.2060, -2.5666, -16.8437



104.2890, -1.6215, 6.7625



53.3080, -23.3228, 107.6009

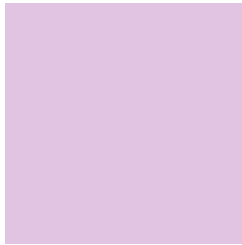


14.5800, -6.2019, 29.3093



# Previews

## White Background



This preview shows how the YUV color 208.0910, 8.8291, 14.8292 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

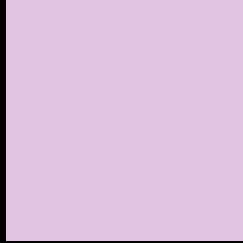
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.0910, 8.8291, 14.8292 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

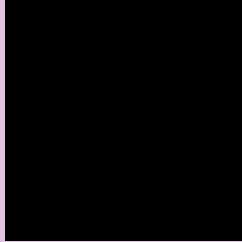
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 208.0910, 8.8291, 14.8292

## Background



This preview shows how black text looks on a background with the YUV color 208.0910, 8.8291, 14.8292.



This preview shows how white text looks on a background with the YUV color 208.0910, 8.8291,



# 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

208.0910, 8.8291, 14.8292

### Protanopia

206.1810, 12.2358, -4.5437

### Deuteranopia

207.0470, 8.8508, 7.8518



## **Tritanopia**

207.2990, 3.3036, 13.7698

# Trichromacy



## Original Color

208.0910, 8.8291, 14.8292

## Protanomaly

206.8830, 10.9037, 2.7336

## Deuteranomaly

207.3570, 8.6980, 10.2109

## Tritanomaly

207.4670, 5.1928, 14.4994

# Monochromacy



## Original Color

208.0910, 8.8291, 14.8292

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

208.2440, 3.3307, 5.0480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.0910, 8.8291, 14.8292 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(225, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 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(225, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 226) }
```

## Border

The CSS property to change the border of an element to YUV 208.0910, 8.8291, 14.8292 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(225, 196, 226) }
```



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

```
.border{ border-color:rgb(225, 196, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 208.0910, 8.8291, 14.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 226) }
```

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

```
.background{ background-color: rgb(225,  
196, 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](#).

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