

# Converting Colors

YUV(208.7070, 21.3434,  
14.2890)

Have a look what the booklet for  
YUV(208.7070, 21.3434, 14.2890)  
contains.

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# Color

**YUV(208.7070, 21.3434,  
14.2890)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1C0FC
RGB	225, 192, 252
RGB Percent	88%, 75%, 99%
CMY	0.1176, 0.2471, 0.0118
CMYK	0.11, 0.24, 0.00, 0.01
HSL	273°, 91%, 87%
HSV	273°, 24%, 99%
XYZ	67.4717, 60.7351, 100.2624
YIQ	208.7070, 0.4080, 25.6560

# Conversions

## Conversions Part 2

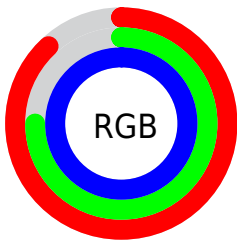
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 192, 252
Decimal	14795004
CIE <sub>Lab</sub>	82.24, 22.60, -25.20
CIE <sub>LCh</sub>	82, 33.851, 311.881
Y <sub>xy</sub>	60.7351, 0.2953, 0.2658
Android (android.graphics.Color)	4292985084 (0xFFE1C0FC)
Y <sub>UV</sub>	208.7070, 21.3434, 14.2890
Hunter-Lab	77.9327, 18.1573, -21.7251

# Details

The YUV color **208.7070, 21.3434, 14.2890** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **235.2930, -21.3434, -14.2890**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4780, 1.7363, 3.0888**, and **153.7670, 20.3279, 13.3593** is the 20% darker color. If you saturate the color by 10%, you get **190.7430, 30.1997, 20.3964**, and if you desaturate by 10%, it is **226.6710, 12.4872, 8.1815**.

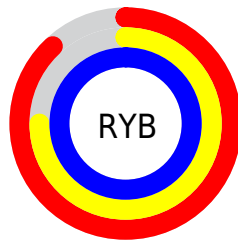
# Distribution



Red (88%)

Green (75%)

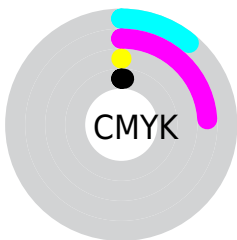
Blue (99%)



Red (88%)

Yellow (75%)

Blue (99%)

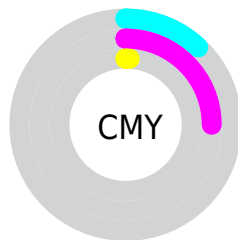


Cyan (11%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (12%)

Magenta (25%)


Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 208.7070, 21.3434, 14.2890 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 208.7070, 21.3434, 14.2890 by changing the saturation by 10% instead.





 208.7070, 21.3434,  
14.2890


 208.7070, 21.3434,  
14.2890


255.0000, 0.0000,  
0.0000


 181.1800, 20.6173,  
13.8741


 251.4780, 1.7363,  
3.0888

 153.7670, 20.3279,  
13.3593

 127.9410, 19.7491,  
12.3297

 102.4140, 19.0229,  
11.9149

 78.0010, 18.7335,  
11.4001

 55.0610, 17.7179,  
10.4705

 32.2350, 17.1391,

9.4409

■ 12.3060, 16.1181,  
10.2556

■ 3.2090, 9.7570,  
-2.8143

■ 208.7070, 21.3434,  
14.2890

■ 208.7070, 21.3434,  
14.2890

■ 190.7430, 30.1997,  
20.3964

■ 226.6710, 12.4872,  
8.1815

■ 172.4800, 39.2034,  
25.8890

■ 244.9340, 3.4835,  
2.6889

■ 153.9290, 48.3490,  
32.5113

254.6580, -1.3104,  
0.2999

■ 135.9650, 57.2053,  
38.6187

■ 117.7020, 66.2089,  
44.1113

■ 99.7380, 75.0652,  
50.2188

■ 81.7740, 83.9214,  
56.3262

■ 70.2890, 89.5835,  
60.2595

# Harmonies

## Analogous

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



202.6490, 25.8090, -18.1092



208.7070, 21.3434, 14.2890



209.3160, 7.7322, 40.0649

# Triad

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



208.7070, 21.3434, 14.2890



204.5380, -29.3522, 34.6082



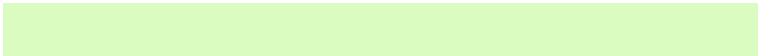
188.1270, 13.7414, -67.6404

# Complementary

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



208.7070, 21.3434, 14.2890



235.2930, -21.3434, -14.2890

# 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.



193.1610, -4.5164, -44.8682



208.7070, 21.3434, 14.2890



201.6830, -29.4237, 10.8020

# Square

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



208.7070, 21.3434, 14.2890



204.1230, -19.7806, 44.6191



197.5100, -20.4644, -16.2333



188.5790, 28.3086, -73.2988



# Rectangle

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



208.7070, 21.3434, 14.2890



205.7480, -0.8618, 43.1940



197.5100, -20.4644, -16.2333



189.6780, 8.0467, -61.1076

# Sweetspot

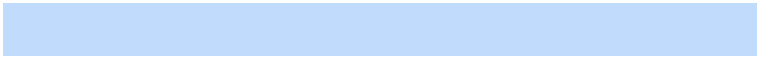
The Sweet Spot groups the original color and five complimentary colors.



208.7070, 21.3434, 14.2890



242.0420, 6.3883, 4.3482



214.6890, 18.3943, -19.8983



120.0480, 3.9203, 2.5889



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.



208.7070, 21.3434, 14.2890



201.6950, 26.2794, 17.8075



216.4380, 16.0531, 31.1879



115.5750, 4.6465, 3.0037



52.6420, 67.2245, 45.0410



17.1200, 21.6328, 14.8038



# Inverse Universe

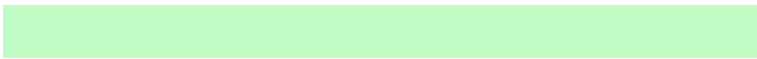
The Inverse Universe completely reimagines the original color for something new.



213.0180, 2.9491, 34.1872



206.8880, 3.5062, 42.1942



227.5620, -16.0531, -31.1879



116.5710, 0.7045, 7.3922



66.2010, 9.2679, 107.6947

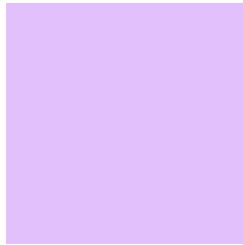


21.4310, 3.2385, 34.7020



# Previews

## White Background



This preview shows how the YUV color 208.7070, 21.3434, 14.2890 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

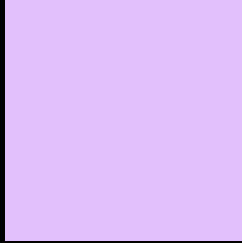
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.7070, 21.3434, 14.2890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

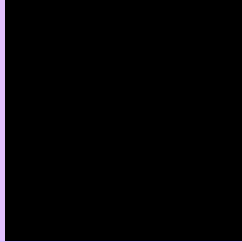
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 208.7070, 21.3434, 14.2890

## Background



This preview shows how black text looks on a background with the YUV color 208.7070, 21.3434, 14.2890.



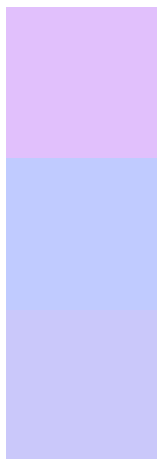
This preview shows how white text looks on a background with the YUV color 208.7070, 21.3434,

14.2890.

# 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

208.7070, 21.3434, 14.2890

### Protanopia

205.6390, 24.3350, -11.9614

### Deuteranopia

206.2980, 21.5451, -3.7693



## Tritanopia

206.6900, 3.6038, 10.7959

# Trichromacy



## Original Color

208.7070, 21.3434, 14.2890

## Protanomaly

206.7650, 23.2869, -2.4249

## Deuteranomaly

207.0430, 21.6708, 2.5933

## Tritanomaly

207.1230, 10.2924, 12.1701

# Monochromacy



## Original Color

208.7070, 21.3434, 14.2890

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

209.0960, 7.8407, 5.1778

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.7070, 21.3434, 14.2890 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, 192, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 252)  
}
```

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, 192, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 252) }
```

## Border

The CSS property to change the border of an element to YUV 208.7070, 21.3434, 14.2890 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, 192, 252) }
```



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

```
.border{ border-color:rgb(225, 192, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 192, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 192, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 192, 252); box-shadow:4px 4px 4px 4px rgb(225, 192, 252) }
```

# Background

The CSS property to change the background color of an element to YUV 208.7070, 21.3434, 14.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 252) }
```

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

```
.background{ background-color: rgb(225,  
192, 252) }
```

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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