

# Converting Colors

YUV(209.8690, 22.2496, 3.6229)

Have a look what the booklet for  
YUV(209.8690, 22.2496, 3.6229)  
contains.

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# Color

**YUV(209.8690, 22.2496,  
3.6229)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D6C7FF                     |
| RGB         | 214, 199, 255              |
| RGB Percent | 84%, 78%, 100%             |
| CMY         | 0.1608, 0.2196, 0.0000     |
| CMYK        | 0.16, 0.22, 0.00, 0.00     |
| HSL         | 256°, 100%, 89%            |
| HSV         | 256°, 22%, 100%            |
| XYZ         | 66.2050, 62.3630, 103.1556 |
| YIQ         | 209.8690, -9.0360, 20.5960 |

# Conversions

## Conversions Part 2

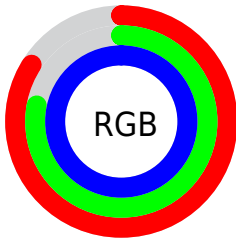
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 214, 199, 255                 |
| Decimal                             | 14075903                      |
| CIE <sub>Lab</sub>                  | 83.11, 16.04, -25.56          |
| CIE <sub>LCh</sub>                  | 83, 30.174, 302.113           |
| Yxy                                 | 62.3630, 0.2857,<br>0.2691    |
| Android<br>(android.graphics.Color) | 4292265983<br>(0xFFD6C7FF)    |
| YUV                                 | 209.8690, 22.2496,<br>3.6229  |
| Hunter-Lab                          | 78.9702, 11.4482,<br>-22.1690 |

# Details

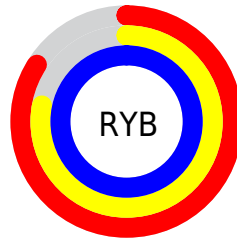
The YUV color  $209.8690, 22.2496, 3.6229$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $244.1310, -22.2496, -3.6229$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $155.2280, 21.0866, 3.3080$  is the 20% darker color. If you saturate the color by 10%, you get  $189.5130, 32.2851, 4.8121$ , and if you desaturate by 10%, it is  $230.8120, 11.9247, 1.9189$ .

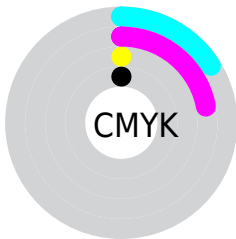
# Distribution



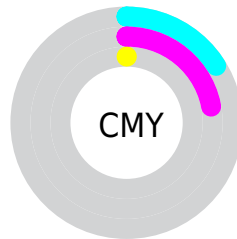
- Red (84%)
- Green (78%)
- Blue (100%)



- Red (84%)
- Yellow (78%)
- Blue (100%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.8690, 22.2496, 3.6229 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 209.8690, 22.2496, 3.6229 by changing the saturation by 10% instead.



■ 209.8690, 22.2496,  
3.6229

■ 209.8690, 22.2496,  
3.6229

255.0000, 0.0000,  
0.0000

■ 182.3420, 21.5234,  
3.2081

■ 155.2280, 21.0866,  
3.3080

■ 128.8150, 20.7972,  
2.7932

■ 103.8750, 19.7816,  
1.8636

■ 79.6470, 18.9080,  
2.0636

■ 55.8210, 18.3292,  
1.0340

■ 33.9950, 17.7505,

0.0044

■ 10.7180, 17.8870,  
2.8783

■ 3.5510, 11.0674,  
-3.1142

■ 209.8690, 22.2496,  
3.6229

■ 209.8690, 22.2496,  
3.6229

■ 189.5130, 32.2851,  
4.8121

■ 230.8120, 11.9247,  
1.9189

■ 168.8690, 42.4626,  
7.1309

■ 250.8690, 2.0366,  
0.1149

■ 147.9260, 52.7875,  
8.8349

■ 255.0000, 0.0000,  
0.0000

■ 127.5700, 62.8230,  
10.0241

■ 106.9260, 73.0005,  
12.3429

■ 86.5700, 83.0360,  
13.5321

■ 65.6270, 93.3609,  
15.2361

■ 49.4020, 101.3598,  
16.3104

# Harmonies

## Analogous

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



203.7790, 25.2520, -26.1162



209.8690, 22.2496, 3.6229



211.4610, 11.1117, 29.4137

# Triad

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



209.8690, 22.2496, 3.6229



207.8140, -24.5583, 36.9971



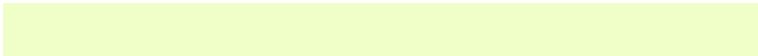
194.6790, 6.5673, -53.2155

# Complementary

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



209.8690, 22.2496, 3.6229



244.1310, -22.2496, -3.6229

# 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.



198.0980, -8.9223, -31.6579



209.8690, 22.2496, 3.6229



205.5960, -27.4088, 17.8943

# Square

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



209.8690, 22.2496, 3.6229



207.4800, -14.5336, 41.6750



201.9350, -21.6600, -6.0820



193.6960, 20.8559, -62.8774



# Rectangle

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



209.8690, 22.2496, 3.6229



210.6380, 2.6435, 38.9055



201.9350, -21.6600, -6.0820



195.3440, 1.3094, -46.7827

# Sweetspot

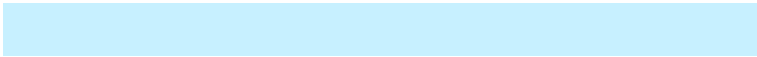
The Sweet Spot groups the original color and five complimentary colors.



209.8690, 22.2496, 3.6229



240.5470, 7.1253, 1.2743



229.4510, 12.5957, -26.7055



119.1510, 4.3626, 0.7446



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.



209.8690, 22.2496, 3.6229



201.6070, 26.3227, 3.8527



218.2410, 18.1222, 20.8366



117.3790, 5.2362, 0.5446



37.0230, 75.9107, 12.2578



12.3790, 25.4492, 4.0526



# Inverse Universe

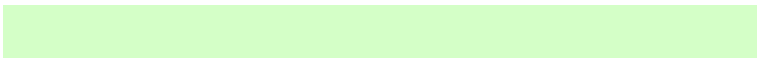
The Inverse Universe completely reimagines the original color for something new.



220.4180, 9.6539, 30.3284



214.2060, 11.2374, 35.7763



235.7590, -18.1222, -20.8366



119.9130, 2.0149, 7.0923



73.0690, 32.9970, 103.4255

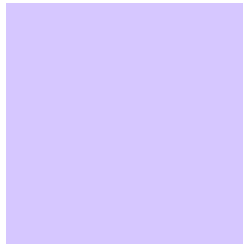


24.4940, 11.0955, 34.6468



# Previews

## White Background



This preview shows how the YUV color 209.8690, 22.2496, 3.6229 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

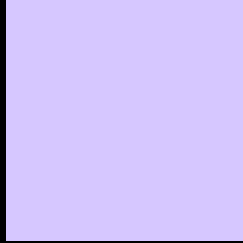
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.8690, 22.2496, 3.6229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

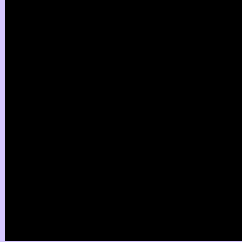
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 209.8690, 22.2496, 3.6229

## Background



This preview shows how black text looks on a background with the YUV color 209.8690, 22.2496, 3.6229.



This preview shows how white text looks on a background with the YUV color 209.8690, 22.2496,

3.6229.

# 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

209.8690, 22.2496, 3.6229

### Protanopia

207.7100, 23.3140, -11.1467

### Deuteranopia

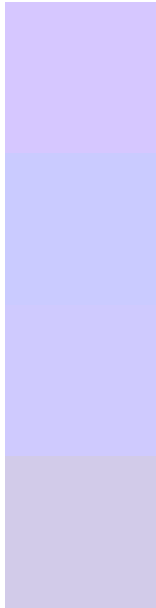
208.8140, 22.2767, -5.0989



## Tritanopia

207.7210, 6.5465, 0.2447

# Trichromacy



## Original Color

209.8690, 22.2496, 3.6229

## Protanomaly

208.6290, 22.8609, -5.8136

## Deuteranomaly

209.4230, 21.9765, -2.1250

## Tritanomaly

208.5130, 12.0721, 1.3041

# Monochromacy



## Original Color

209.8690, 22.2496, 3.6229

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

209.7750, 7.9989, 1.0743

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.8690, 22.2496, 3.6229 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(214, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 255)  
}
```

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(214, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 255) }
```

## Border

The CSS property to change the border of an element to YUV 209.8690, 22.2496, 3.6229 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(214, 199, 255) }
```



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

```
.border{ border-color:rgb(214, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 209.8690, 22.2496, 3.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 255) }
```

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

```
.background{ background-color: rgb(214,  
199, 255) }
```

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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