

# Converting Colors

YUV(206.6840, 22.8338, 2.9081)

Have a look what the booklet for  
YUV(206.6840, 22.8338, 2.9081)  
contains.

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# Color

**YUV(206.6840, 22.8338,  
2.9081)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2C4FD
RGB	210, 196, 253
RGB Percent	82%, 77%, 99%
CMY	0.1765, 0.2314, 0.0078
CMYK	0.17, 0.23, 0.00, 0.01
HSL	255°, 93%, 88%
HSV	255°, 23%, 99%
XYZ	64.0479, 60.2733, 101.1867
YIQ	206.6840, -9.9530, 20.6950

# Conversions

## Conversions Part 2

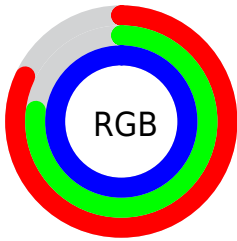
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 196, 253
Decimal	13812989
CIE Lab	81.99, 16.00, -26.23
CIE LCh	82, 30.724, 301.381
Yxy	60.2733, 0.2840, 0.2673
Android (android.graphics.Color)	4292003069 (0xFFD2C4FD)
YUV	206.6840, 22.8338, 2.9081
Hunter-Lab	77.6359, 11.3957, -22.9305

# Details

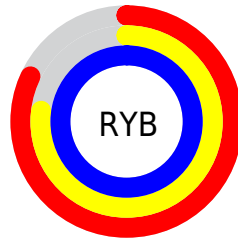
The YUV color  $206.6840, 22.8338, 2.9081$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $242.3160, -22.8338, -2.9081$ , and the grayscale version is  $206.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8260, 0.5788, 1.0296$ , and  $152.0430, 21.6708, 2.5933$  is the 20% darker color. If you saturate the color by 10%, you get  $186.3280, 32.8693, 4.0973$ , and if you desaturate by 10%, it is  $227.0400, 12.7983, 1.7189$ .

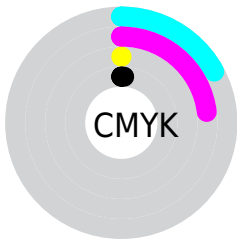
# Distribution



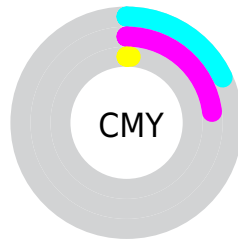
- Red (82%)
- Green (77%)
- Blue (99%)



- Red (82%)
- Yellow (77%)
- Blue (99%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (23%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.6840, 22.8338, 2.9081 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 206.6840, 22.8338, 2.9081 by changing the saturation by 10% instead.



■ 206.6840, 22.8338,  
2.9081

■ 206.6840, 22.8338,  
2.9081

■ 255.0000, 0.0000,  
0.0000

■ 179.1570, 22.1076,  
2.4933

■ 253.8260, 0.5788,  
1.0296

■ 152.0430, 21.6708,  
2.5933

■ 126.2170, 21.0920,  
1.5637

■ 100.9890, 20.2184,  
1.7636

■ 76.5760, 19.9290,  
1.2488

■ 53.6360, 18.9135,  
0.3192

■ 31.3970, 18.0453,

-1.2252

■ 8.5330, 18.4712,  
2.1636

■ 3.3230, 10.1938,  
-2.9143

■ 206.6840, 22.8338,  
2.9081

■ 206.6840, 22.8338,  
2.9081

■ 186.3280, 32.8693,  
4.0973

■ 227.0400, 12.7983,  
1.7189

■ 165.3850, 43.1942,  
5.8014

■ 247.9830, 2.4734,  
0.0149

■ 145.0290, 53.2297,  
6.9906

■ 254.7720, -0.8736,  
0.2000

■ 124.6730, 63.2652,  
8.1798

■ 104.3170, 73.3007,  
9.3690

■ 83.0750, 83.7730,  
10.4582

■ 62.7190, 93.8085,  
11.6474

■ 47.3800, 101.3707,  
12.8217

# Harmonies

## Analogous

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



200.8220, 26.7098, -27.0309



206.6840, 22.8338, 2.9081



208.5750, 11.5485, 29.3137

# Triad

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



206.6840, 22.8338, 2.9081



204.9990, -25.1425, 37.7119



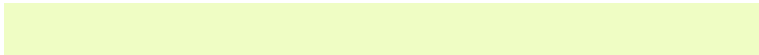
191.2660, 6.2779, -53.7303

# Complementary

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



206.6840, 22.8338, 2.9081



242.3160, -22.8338, -2.9081

# 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.



194.8700, -9.7959, -31.4580



206.6840, 22.8338, 2.9081



201.8950, -27.5562, 18.5091

# Square

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



206.6840, 22.8338, 2.9081



204.7900, -14.6865, 44.0342



198.8210, -22.0968, -5.9820



189.7990, 21.2981, -64.7217



# Rectangle

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



206.6840, 22.8338, 2.9081



208.5350, 2.2012, 40.7498



198.8210, -22.0968, -5.9820



192.2300, 0.8726, -46.6827

# Sweetspot

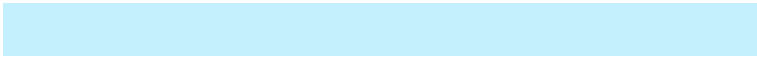
The Sweet Spot groups the original color and five complimentary colors.



206.6840, 22.8338, 2.9081



240.5470, 7.1253, 1.2743



228.3260, 12.1643, -28.3499



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.



206.6840, 22.8338, 2.9081



198.9490, 27.6331, 3.5527



215.0560, 18.7064, 20.1219



117.3790, 5.2362, 0.5446



35.8270, 76.5003, 9.7987



12.0800, 25.5966, 3.4378



# Inverse Universe

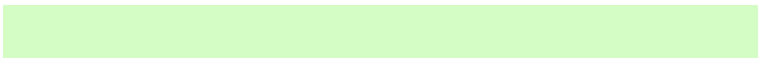
The Inverse Universe completely reimagines the original color for something new.



217.9450, 10.3801, 30.7432



212.5590, 12.5424, 37.2208



233.9440, -18.7064, -20.1219



119.9130, 2.0149, 7.0923



73.5250, 34.7442, 103.0256

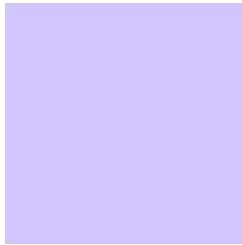


24.6080, 11.5323, 34.5468



# Previews

## White Background



This preview shows how the YUV color 206.6840, 22.8338, 2.9081 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

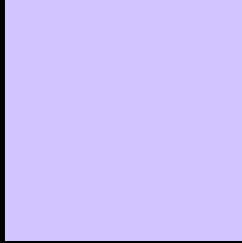
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.6840, 22.8338, 2.9081 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

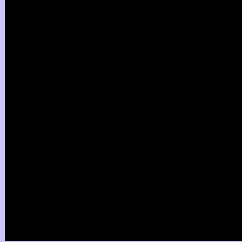
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 206.6840, 22.8338, 2.9081

## Background



This preview shows how black text looks on a background with the YUV color 206.6840, 22.8338, 2.9081.



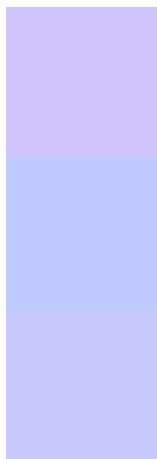
This preview shows how white text looks on a background with the YUV color 206.6840, 22.8338,



# 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

206.6840, 22.8338, 2.9081

### Protanopia

204.7530, 24.7718, -12.0614

### Deuteranopia

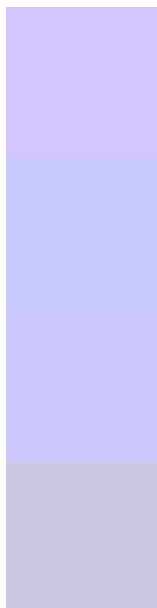
205.6290, 22.8609, -5.8136



## Tritanopia

204.4220, 6.6940, -0.3701

# Trichromacy



## Original Color

206.6840, 22.8338, 2.9081

## Protanomaly

205.5580, 23.8819, -6.6284

## Deuteranomaly

206.2380, 22.5607, -2.8397

## Tritanomaly

205.3280, 12.6563, 0.5893

# Monochromacy



## Original Color

206.6840, 22.8338, 2.9081

## Achromatopsia

207.0000, 0.0000, 0.0000

## Achromatomaly

206.8890, 8.4357, 0.9743

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.6840, 22.8338, 2.9081 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(210, 196, 253)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 253)  
}
```

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(210, 196, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 253) }
```

## Border

The CSS property to change the border of an element to YUV 206.6840, 22.8338, 2.9081 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".

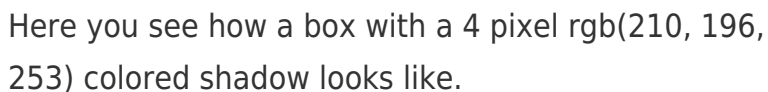
```
.border, #border, table{ border:4px solid rgb(210, 196, 253) }
```



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

```
.border{ border-color:rgb(210, 196, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 196, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 196, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 196, 253); box-shadow:4px 4px 4px 4px rgb(210, 196, 253) }
```

# Background

The CSS property to change the background color of an element to YUV 206.6840, 22.8338, 2.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 253) }
```

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

```
.background{ background-color: rgb(210,  
196, 253) }
```

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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