

# Converting Colors

YUV(206.9730, 21.2123, 9.6707)

Have a look what the booklet for  
YUV(206.9730, 21.2123, 9.6707)  
contains.

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# Color

**YUV(206.9730, 21.2123,  
9.6707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC1FA
RGB	218, 193, 250
RGB Percent	85%, 76%, 98%
CMY	0.1451, 0.2431, 0.0196
CMYK	0.13, 0.23, 0.00, 0.02
HSL	266°, 85%, 87%
HSV	266°, 23%, 98%
XYZ	65.2387, 59.9475, 98.5750
YIQ	206.9730, -3.3970, 23.0270

# Conversions

## Conversions Part 2

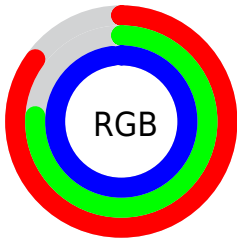
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	218, 193, 250
Decimal	14336506
CIE <sub>Lab</sub>	81.81, 19.46, -24.84
CIE <sub>LCh</sub>	82, 31.557, 308.076
Y <sub>xy</sub>	59.9475, 0.2916, 0.2679
Android (android.graphics.Color)	4292526586 (0xFFDAC1FA)
YUV	206.9730, 21.2123, 9.6707
Hunter-Lab	77.4258, 14.9085, -21.2874

# Details

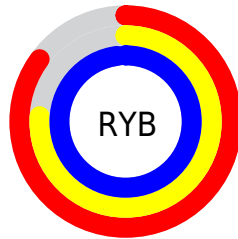
The YUV color  $206.9730, 21.2123, 9.6707$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $236.0270, -21.2123, -9.6707$ , and the grayscale version is  $207.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.0650, 1.4470, 2.5740$ , and  $152.3320, 20.0493, 9.3558$  is the 20% darker color. If you saturate the color by 10%, you get  $188.1120, 30.5108, 13.9338$ , and if you desaturate by 10%, it is  $225.8340, 11.9138, 5.4076$ .

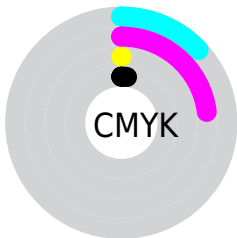
# Distribution



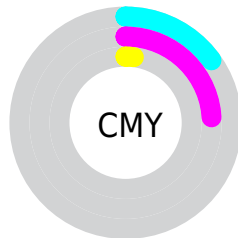
- Red (85%)
- Green (76%)
- Blue (98%)



- Red (85%)
- Yellow (76%)
- Blue (98%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)




- Cyan (15%)
- Magenta (24%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 206.9730, 21.2123, 9.6707 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 206.9730, 21.2123, 9.6707 by changing the saturation by 10% instead.





 206.9730, 21.2123,  
9.6707


 206.9730, 21.2123,  
9.6707


255.0000, 0.0000,  
0.0000


 179.4460, 20.4861,  
9.2559


 252.0650, 1.4470,  
2.5740

 152.3320, 20.0493,  
9.3558

 126.5060, 19.4705,  
8.3262

 101.0930, 19.1812,  
7.8114

 77.1530, 18.1656,  
6.8818

 53.6260, 17.4394,  
6.4670

 31.8000, 16.8606,

5.4374

■ 10.8820, 15.8342,  
7.9965

■ 3.0950, 9.3202,  
-2.7143

■ 206.9730, 21.2123,  
9.6707

■ 206.9730, 21.2123,  
9.6707

■ 188.1120, 30.5108,  
13.9338

■ 225.8340, 11.9138,  
5.4076

■ 169.2510, 39.8093,  
18.1969

■ 244.6950, 2.6154,  
1.1445

■ 150.3900, 49.1077,  
22.4600

■ 254.4300, -2.1840,  
0.4999

■ 131.5290, 58.4062,  
26.7231

■ 112.6680, 67.7047,  
30.9862

■ 93.8070, 77.0031,  
35.2493

■ 74.9460, 86.3016,  
39.5124

■ 61.3900, 92.9847,  
42.6310

# Harmonies

## Analogous

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



201.1540, 26.5461, -21.1831



206.9730, 21.2123, 9.6707



208.5110, 8.6221, 34.6319

# Triad

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



206.9730, 21.2123, 9.6707



203.5210, -26.8789, 34.6231



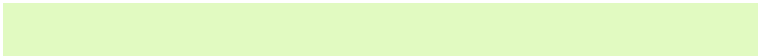
189.3730, 10.6621, -59.9631

# Complementary

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



206.9730, 21.2123, 9.6707



236.0270, -21.2123, -9.6707

# 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.



193.3360, -6.5746, -38.0057



206.9730, 21.2123, 9.6707



201.1610, -27.6874, 13.8908

# Square

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



206.9730, 21.2123, 9.6707



203.9920, -17.7441, 44.7340



197.8310, -20.6227, -12.1298



188.9990, 24.6505, -66.6511



# Rectangle

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



206.9730, 21.2123, 9.6707



206.5630, -0.2776, 42.4792



197.8310, -20.6227, -12.1298



190.8100, 4.5307, -53.3304

# Sweetspot

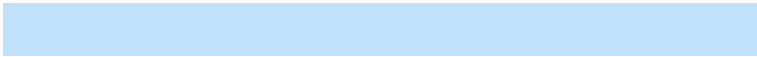
The Sweet Spot groups the original color and five complimentary colors.



206.9730, 21.2123, 9.6707



241.4440, 6.6831, 3.1186



218.2820, 15.6370, -22.1723



119.7490, 4.0677, 1.9741



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.



206.9730, 21.2123, 9.6707



202.8360, 25.7169, 11.5448



215.3450, 17.0849, 26.8844



115.2760, 4.7939, 2.3889



46.3630, 70.3200, 32.1306



15.0270, 22.6647, 10.5003



# Inverse Universe

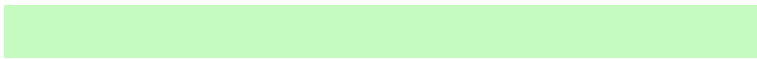
The Inverse Universe completely reimagines the original color for something new.



213.6910, 5.5753, 31.8430



211.0770, 6.8640, 38.5205



227.6550, -17.0849, -26.8844



116.6850, 1.1413, 7.2923



68.5950, 18.4407, 105.5952

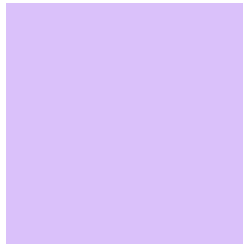


22.1150, 5.8593, 34.1021



# Previews

## White Background



This preview shows how the YUV color 206.9730, 21.2123, 9.6707 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

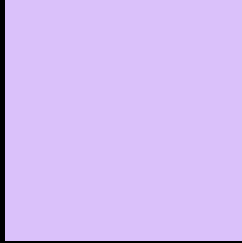
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.9730, 21.2123, 9.6707 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

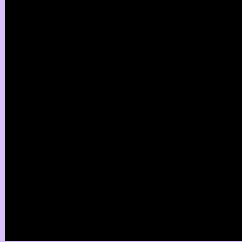
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 206.9730, 21.2123, 9.6707

## Background



This preview shows how black text looks on a background with the YUV color 206.9730, 21.2123, 9.6707.



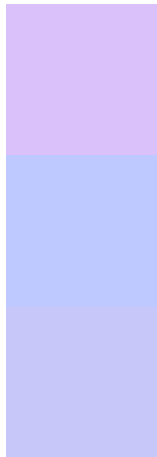
This preview shows how white text looks on a background with the YUV color 206.9730, 21.2123, 9.6707.



# 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

206.9730, 21.2123, 9.6707

### Protanopia

203.8670, 25.2086, -12.1614

### Deuteranopia

204.9990, 21.6925, -4.3841



## **Tritanopia**

204.7110, 5.0725, 6.3925

# Trichromacy



## Original Color

206.9730, 21.2123, 9.6707

## Protanomaly

204.8680, 23.7291, -4.2692

## Deuteranomaly

205.9180, 21.2394, 0.9489

## Tritanomaly

205.6170, 11.0348, 7.3519

# Monochromacy



## Original Color

206.9730, 21.2123, 9.6707

## Achromatopsia

207.0000, 0.0000, 0.0000

## Achromatomaly

207.0850, 7.8461, 3.4335

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.9730, 21.2123, 9.6707 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, 193, 250)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 250)  
}
```

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, 193, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 250) }
```

## Border

The CSS property to change the border of an element to YUV 206.9730, 21.2123, 9.6707 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, 193, 250) }
```



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

```
.border{ border-color:rgb(218, 193, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 193, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 250);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 206.9730, 21.2123, 9.6707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 250) }
```

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

```
.background{ background-color: rgb(218,  
193, 250) }
```

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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