

Converting Colors

YUV(210.2500, 21.0757, 6.7967)

Have a look what the booklet for
YUV(210.2500, 21.0757, 6.7967)
contains.

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Color

**YUV(210.2500, 21.0757,
6.7967)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC6FD
RGB	218, 198, 253
RGB Percent	85%, 78%, 99%
CMY	0.1451, 0.2235, 0.0078
CMYK	0.14, 0.22, 0.00, 0.01
HSL	262°, 93%, 88%
HSV	262°, 22%, 99%
XYZ	66.8371, 62.3854, 101.4474
YIQ	210.2500, -5.7350, 21.3450

Conversions

Conversions Part 2

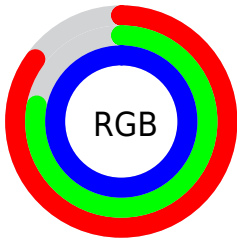
Format	Color
R _{YB}	218, 198, 253
Decimal	14337789
CIE Lab	83.12, 17.40, -24.45
CIE LCh	83, 30.004, 305.434
Yxy	62.3854, 0.2898, 0.2705
Android (android.graphics.Color)	4292527869 (0xFFDAC6FD)
YUV	210.2500, 21.0757, 6.7967
Hunter-Lab	78.9845, 12.8250, -20.8628

Details

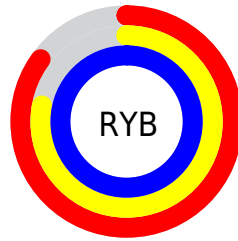
The YUV color **210.2500, 21.0757, 6.7967** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **240.7500, -21.0757, -6.7968**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **155.6090, 19.9128, 6.4819** is the 20% darker color. If you saturate the color by 10%, you get **190.7910, 30.6690, 9.8303**, and if you desaturate by 10%, it is **229.7090, 11.4825, 3.7632**.

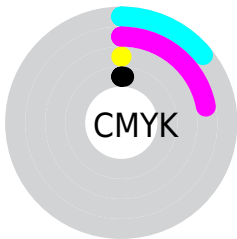
Distribution



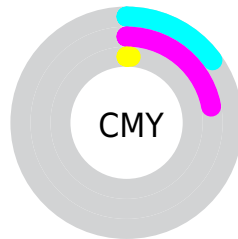
- Red (85%)
- Green (78%)
- Blue (99%)



- Red (85%)
- Yellow (78%)
- Blue (99%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2500, 21.0757, 6.7967 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 210.2500, 21.0757, 6.7967 by changing the saturation by 10% instead.

■ 210.2500, 21.0757,
6.7967

■ 210.2500, 21.0757,
6.7967

255.0000, 0.0000,
0.0000

■ 182.7230, 20.3496,
6.3819

■ 155.6090, 19.9128,
6.4819

■ 129.1960, 19.6234,
5.9671

■ 104.2560, 18.6078,
5.0375

■ 79.8430, 18.3184,
4.5227

■ 56.3160, 17.5922,
4.1079

■ 34.3760, 16.5766,

3.1782

■ 11.2130, 17.1500,
5.9522

■ 3.3230, 10.1938,
-2.9143

■ 210.2500, 21.0757,
6.7967

■ 210.2500, 21.0757,
6.7967

■ 190.7910, 30.6690,
9.8303

■ 229.7090, 11.4825,
3.7632

■ 170.7450, 40.5517,
13.3786

■ 249.7550, 1.5998,
0.2149

■ 151.2860, 50.1450,
16.4122

■ 254.7720, -0.8736,
0.2000

■ 131.8270, 59.7383,
19.4457

■ 112.0690, 69.4790,
21.8645

■ 92.0230, 79.3617,
25.4128

■ 72.5640, 88.9549,
28.4464

■ 56.3500, 96.9485,
31.2650

Harmonies

Analogous

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



204.6870, 24.8043, -22.5275



210.2500, 21.0757, 6.7967



212.0160, 9.3591, 31.5580

Triad

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



210.2500, 21.0757, 6.7967



207.5750, -25.4265, 35.4527



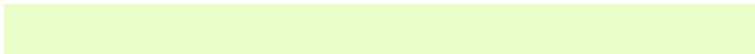
194.4230, 8.1725, -54.7450

Complementary

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



210.2500, 21.0757, 6.7967



240.7500, -21.0757, -6.7968

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.



198.1300, -7.4591, -34.3170



210.2500, 21.0757, 6.7967



205.1010, -26.6718, 14.8204

Square

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



210.2500, 21.0757, 6.7967



207.2520, -15.4072, 41.8750



201.8530, -20.6335, -8.6411



193.7500, 22.3082, -62.0478

Rectangle

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



210.2500, 21.0757, 6.7967



210.1820, 0.8963, 39.3054



201.8530, -20.6335, -8.6411



195.7890, 3.0620, -48.9270

Sweetspot

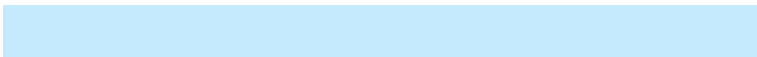
The Sweet Spot groups the original color and five complimentary colors.



210.2500, 21.0757, 6.7967



241.1450, 6.8305, 2.5038



225.4020, 13.6058, -24.0316



119.4500, 4.2151, 1.3593



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.



210.2500, 21.0757, 6.7967



203.7000, 25.2909, 8.1561



218.3230, 17.0958, 23.3957



117.6780, 5.0887, 1.1594



42.7040, 73.1099, 23.9386



14.1730, 24.5647, 7.7413

Inverse Universe

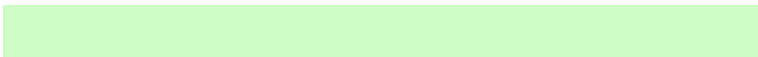
The Inverse Universe completely reimagines the original color for something new.



218.4350, 7.1805, 30.3135



213.5220, 8.6167, 36.3762



232.6770, -17.0958, -23.3957



119.7990, 1.5781, 7.1923



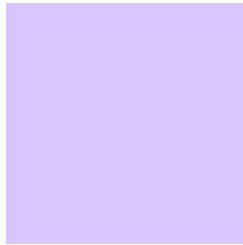
71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 210.2500, 21.0757, 6.7967 looks on a white background.

Color Contrast Check

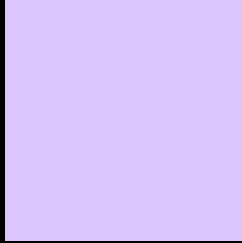
Large Text (above 18pt) WCAG AA × Fail

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 210.2500, 21.0757, 6.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

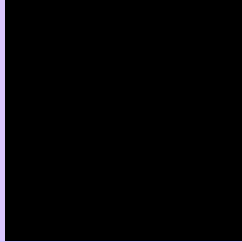
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.2500, 21.0757, 6.7967

Background



This preview shows how black text looks on a background with the YUV color 210.2500, 21.0757, 6.7967.



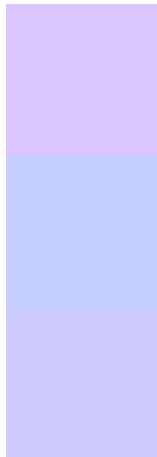
This preview shows how white text looks on a background with the YUV color 210.2500, 21.0757,

6.7967.

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

210.2500, 21.0757, 6.7967

Protanopia

207.7100, 23.3140, -11.1467

Deuteranopia

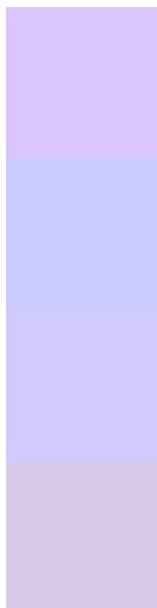
209.1840, 21.1083, -3.6694



Tritanopia

208.2160, 5.8095, 3.3186

Trichromacy



Original Color

210.2500, 21.0757, 6.7967

Protanomaly

208.2270, 22.5661, -4.5841

Deuteranomaly

209.5050, 20.9500, 0.4341

Tritanomaly

209.0080, 11.3351, 4.3780

Monochromacy



Original Color

210.2500, 21.0757, 6.7967

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.3730, 7.7041, 2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2500, 21.0757, 6.7967 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, 198, 253)` looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 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(218, 198, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 253) }
```

Border

The CSS property to change the border of an element to YUV 210.2500, 21.0757, 6.7967 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, 198, 253) }
```


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

```
.border{ border-color:rgb(218, 198, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 253);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 210.2500, 21.0757, 6.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 253) }
```

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

```
.background{ background-color: rgb(218,  
198, 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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