

Converting Colors

YUV(219.6210, 14.9768, 2.9634)

Have a look what the booklet for
YUV(219.6210, 14.9768, 2.9634)
contains.

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Color

**YUV(219.6210, 14.9768,
2.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD4FA
RGB	223, 212, 250
RGB Percent	87%, 83%, 98%
CMY	0.1255, 0.1686, 0.0196
CMYK	0.11, 0.15, 0.00, 0.02
HSL	257°, 79%, 91%
HSV	257°, 15%, 98%
XYZ	71.2302, 69.6771, 100.1373
YIQ	219.6210, -5.6420, 14.1500

Conversions

Conversions Part 2

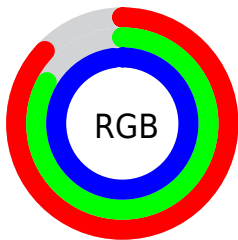
Format	Color
R _Y B	223, 212, 250
Decimal	14669050
CIE Lab	86.84, 10.89, -17.19
CIE LCh	87, 20.350, 302.370
Yxy	69.6771, 0.2955, 0.2891
Android (android.graphics.Color)	4292859130 (0xFFDFD4FA)
YUV	219.6210, 14.9768, 2.9634
Hunter-Lab	83.4728, 6.2429, -12.6957

Details

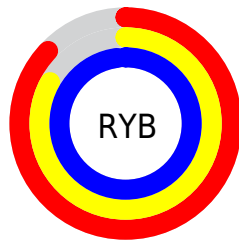
The YUV color $219.6210, 14.9768, 2.9634$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $242.3790, -14.9768, -2.9634$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.3930, 14.1033, 3.1633$ is the 20% darker color. If you saturate the color by 10%, you get $199.5640, 24.8649, 4.7674$, and if you desaturate by 10%, it is $239.6780, 5.0887, 1.1594$.

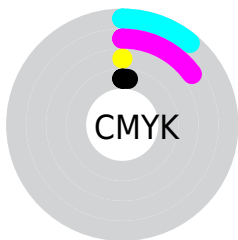
Distribution



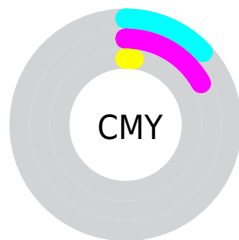
- Red (87%)
- Green (83%)
- Blue (98%)



- Red (87%)
- Yellow (83%)
- Blue (98%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.6210, 14.9768, 2.9634 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 219.6210, 14.9768, 2.9634 by changing the saturation by 10% instead.

■ 219.6210, 14.9768,
2.9634

■ 219.6210, 14.9768,
2.9634

255.0000, 0.0000,
0.0000

■ 191.5070, 14.5400,
3.0634

■ 164.3930, 14.1033,
3.1633

■ 137.9800, 13.8139,
2.6485

■ 112.5670, 13.5245,
2.1337

■ 88.3390, 12.6509,
2.3337

■ 64.9260, 12.3615,
1.8189

■ 42.3990, 11.6353,

1.4041

■ 21.5730, 11.0565,
0.3745

■ 3.2090, 9.7570,
-2.8143

■ 219.6210, 14.9768,
2.9634

■ 219.6210, 14.9768,
2.9634

■ 199.5640, 24.8649,
4.7674

■ 239.6780, 5.0887,
1.1594

■ 179.5070, 34.7530,
6.5714

■ 254.4300, -2.1840,
0.4999

■ 159.7490, 44.4937,
8.9901

■ 139.6920, 54.3818,
10.7941

■ 119.6350, 64.2699,
12.5981

■ 99.5780, 74.1580,
14.4021

■ 79.8200, 83.8987,
16.8209

■ 59.7630, 93.7868,
18.6248

■ 50.0280, 98.5862,
19.2694

Harmonies

Analogous

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



216.8250, 18.8203, -16.5095



219.6210, 14.9768, 2.9634



221.3690, 7.2131, 19.8474

Triad

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



219.6210, 14.9768, 2.9634



218.3980, -16.9582, 25.9610



210.4040, 3.7448, -34.5573

Complementary

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



219.6210, 14.9768, 2.9634



242.3790, -14.9768, -2.9634

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.



212.1470, -6.4815, -21.1769



219.6210, 14.9768, 2.9634



216.8540, -18.6620, 12.4060

Square

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



219.6210, 14.9768, 2.9634



219.1520, -10.4279, 31.4387



214.7810, -14.6820, -4.1929



210.4880, 13.0704, -39.0160

Rectangle

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



219.6210, 14.9768, 2.9634



220.8170, 1.0762, 28.2245



214.7810, -14.6820, -4.1929



210.6280, 0.6764, -30.3688

Sweetspot

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



219.6210, 14.9768, 2.9634



244.6780, 5.0887, 1.1594



232.1810, 8.7848, -17.6987



121.5100, 3.1996, 0.4297



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.



219.6210, 14.9768, 2.9634



218.1310, 18.1764, 3.3931



225.3020, 12.1761, 14.6441



114.6780, 5.0887, 1.1594



37.9910, 74.4474, 14.9169



12.3360, 23.9914, 4.9673

Inverse Universe

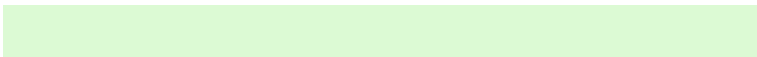
The Inverse Universe completely reimagines the original color for something new.



226.4400, 6.1921, 20.6621



226.5160, 7.6336, 24.9805



236.6980, -12.1761, -14.6441



116.9130, 2.0149, 7.0923



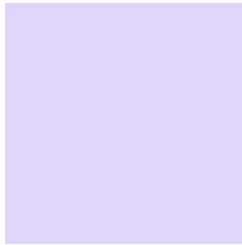
71.7870, 30.6710, 102.7958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 219.6210, 14.9768, 2.9634 looks on a white background.

Color Contrast Check

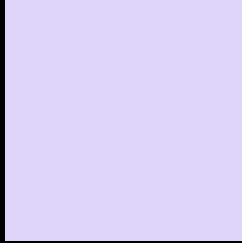
Large Text (above 18pt) WCAG AA × Fail

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 219.6210, 14.9768, 2.9634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

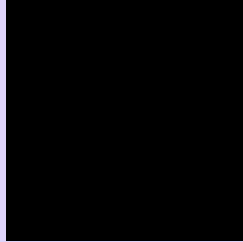
Any Text WCAG AA ✓ Pass

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 219.6210, 14.9768, 2.9634 Background



This preview shows how black text looks on a background with the YUV color 219.6210, 14.9768, 2.9634.



This preview shows how white text looks on a background with the YUV color 219.6210, 14.9768,

2.9634.

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

219.6210, 14.9768, 2.9634

Protanopia

218.6090, 16.4618, -6.6731

Deuteranopia

219.6210, 14.9768, 2.9634



Tritanopia

218.4330, 6.6885, 1.3743

Trichromacy



Original Color

219.6210, 14.9768, 2.9634

Protanomaly

219.1040, 15.7247, -3.5992

Deuteranomaly

219.6210, 14.9768, 2.9634

Tritanomaly

218.9430, 9.8881, 1.8040

Monochromacy



Original Color

219.6210, 14.9768, 2.9634

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.6210, 14.9768, 2.9634 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(223, 212, 250)` looks like.

```
.text, #text, p{  
    color:rgb(223, 212, 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(223, 212, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 212, 250) }
```

Border

The CSS property to change the border of an element to YUV 219.6210, 14.9768, 2.9634 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(223, 212, 250) }
```


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

```
.border{ border-color:rgb(223, 212, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 212, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 212, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 212, 250);  
box-shadow:4px 4px 4px 4px rgb(223, 212,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 219.6210, 14.9768, 2.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 212, 250) }
```

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

```
.background{ background-color: rgb(223,  
212, 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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