

Converting Colors

YUV(218.1970, 14.6929, 0.7042)

Have a look what the booklet for
YUV(218.1970, 14.6929, 0.7042)
contains.

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Color

**YUV(218.1970, 14.6929,
0.7042)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD4F8
RGB	219, 212, 248
RGB Percent	86%, 83%, 97%
CMY	0.1412, 0.1686, 0.0275
CMYK	0.12, 0.15, 0.00, 0.03
HSL	252°, 72%, 90%
HSV	252°, 15%, 97%
XYZ	69.7002, 68.9243, 98.4371
YIQ	218.1970, -7.3840, 12.6800

Conversions

Conversions Part 2

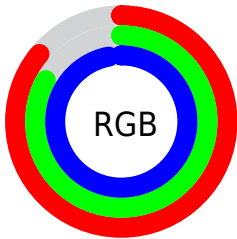
Format	Color
R _Y B	219, 212, 248
Decimal	14406904
CIE Lab	86.47, 9.22, -16.72
CIE LCh	86, 19.096, 298.876
Yxy	68.9243, 0.2940, 0.2907
Android (android.graphics.Color)	4292596984 (0xFFDBD4F8)
YUV	218.1970, 14.6929, 0.7042
Hunter-Lab	83.0207, 4.5738, -12.1853

Details

The YUV color $218.1970, 14.6929, 0.7042$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $241.8030, -14.6929, -0.7042$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.0830, 14.2561, 0.8042$ is the 20% darker color. If you saturate the color by 10%, you get $197.5420, 24.8758, 1.2787$, and if you desaturate by 10%, it is $238.8520, 4.5100, 0.1298$.

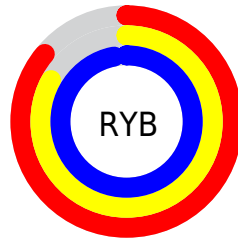
Distribution



Red (86%)

Green (83%)

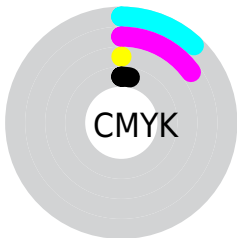
Blue (97%)



Red (86%)

Yellow (83%)

Blue (97%)

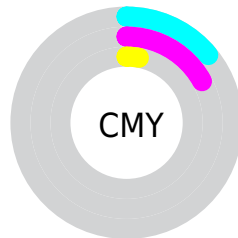


Cyan (12%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (14%)

Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1970, 14.6929, 0.7042 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 218.1970, 14.6929, 0.7042 by changing the saturation by 10% instead.

■ 218.1970, 14.6929,
0.7042

■ 218.1970, 14.6929,
0.7042

255.0000, 0.0000,
0.0000

■ 190.0830, 14.2561,
0.8042

■ 163.0830, 14.2561,
0.8042

■ 136.5560, 13.5299,
0.3894

■ 111.4420, 13.0931,
0.4894

■ 87.0290, 12.8037,
-0.0254

■ 63.5020, 12.0775,
-0.4403

■ 41.3880, 11.6407,

-0.3403

■ 20.7470, 10.4777,
-0.6551

■ 3.0950, 9.3202,
-2.7143

■ 218.1970, 14.6929,
0.7042

■ 218.1970, 14.6929,
0.7042

■ 197.5420, 24.8758,
1.2787

■ 238.8520, 4.5100,
0.1298

■ 176.8870, 35.0587,
1.8531

■ 254.2020, -3.0576,
0.6998

■ 156.8190, 44.9522,
1.9127

■ 136.1640, 55.1351,
2.4872

■ 115.5090, 65.3181,
3.0616

■ 94.8540, 75.5010,
3.6360

■ 74.1990, 85.6839,
4.2105

■ 54.1310, 95.5774,
4.2701

■ 42.6240, 101.2504,
4.7148

Harmonies

Analogous

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



215.2980, 18.0941, -16.9243



218.1970, 14.6929, 0.7042



220.0590, 7.3659, 17.4883

Triad

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



218.1970, 14.6929, 0.7042



217.7400, -15.6478, 25.6610



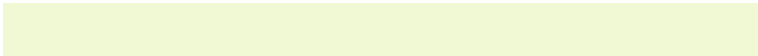
210.0840, 2.4236, -30.7687

Complementary

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



218.1970, 14.6929, 0.7042



241.8030, -14.6929, -0.7042

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.



211.6420, -7.2185, -18.1030



218.1970, 14.6929, 0.7042



216.0930, -17.7938, 13.9504

Square

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



218.1970, 14.6929, 0.7042



219.0810, -9.4069, 30.6240



214.2050, -14.3981, -1.9338



209.7550, 11.4598, -35.7421

Rectangle

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



218.1970, 14.6929, 0.7042



219.7350, 2.1026, 25.6654



214.2050, -14.3981, -1.9338



210.5960, -0.7868, -27.7097

Sweetspot

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



218.1970, 14.6929, 0.7042



246.7380, 4.0732, 0.2298



233.1270, 7.3324, -18.5284



122.0970, 2.9102, -0.0851



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.



218.1970, 14.6929, 0.7042



219.2940, 17.6031, 0.6192



223.5790, 12.0396, 11.7702



114.3790, 5.2362, 0.5446



32.6090, 77.1008, 3.8509



10.5420, 24.8758, 1.2787

Inverse Universe

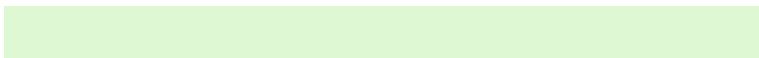
The Inverse Universe completely reimagines the original color for something new.



226.0700, 7.3605, 19.2326



228.8470, 8.9494, 22.9362



236.4210, -12.0396, -11.7702



117.1410, 2.8885, 6.8923



73.8390, 38.5334, 100.9962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 218.1970, 14.6929, 0.7042 looks on a white background.

Color Contrast Check

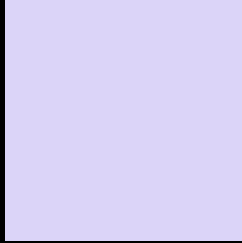
Large Text (above 18pt) WCAG AA × Fail

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 218.1970, 14.6929, 0.7042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

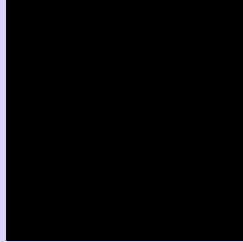
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.1970, 14.6929, 0.7042

Background



This preview shows how black text looks on a background with the YUV color 218.1970, 14.6929, 0.7042.



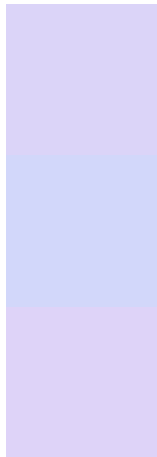
This preview shows how white text looks on a background with the YUV color 218.1970, 14.6929,

0.7042.

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

218.1970, 14.6929, 0.7042

Protanopia

217.4950, 16.0250, -6.5731

Deuteranopia

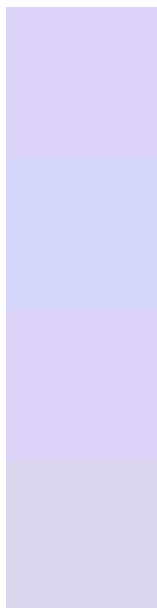
218.5070, 14.5400, 3.0634



Tritanopia

217.2370, 7.2782, -1.0848

Trichromacy



Original Color

218.1970, 14.6929, 0.7042

Protanomaly

217.6910, 15.4353, -4.1140

Deuteranomaly

218.2080, 14.6875, 2.4486

Tritanomaly

217.6330, 10.0409, -0.5551

Monochromacy



Original Color

218.1970, 14.6929, 0.7042

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1970, 14.6929, 0.7042 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(219, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 248)  
}
```

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(219, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 248) }
```

Border

The CSS property to change the border of an element to YUV 218.1970, 14.6929, 0.7042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

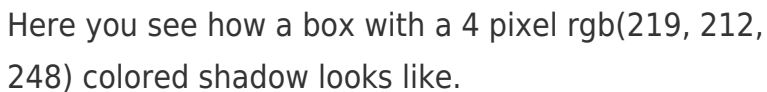
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 212, 248) }
```


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

```
.border{ border-color:rgb(219, 212, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 212, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 212, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 212, 248); box-shadow:4px 4px 4px 4px rgb(219, 212, 248) }
```

Background

The CSS property to change the background color of an element to YUV 218.1970, 14.6929, 0.7042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 248) }
```

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

```
.background{ background-color: rgb(219,  
212, 248) }
```

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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