

Converting Colors

YUV(221.3430, 16.5929,
-2.0548)

Have a look what the booklet for
YUV(221.3430, 16.5929, -2.0548)
contains.

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Color

**YUV(221.3430, 16.5929,
-2.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD8FF
RGB	219, 216, 255
RGB Percent	86%, 85%, 100%
CMY	0.1412, 0.1529, 0.0000
CMYK	0.14, 0.15, 0.00, 0.00
HSL	245°, 100%, 92%
HSV	245°, 15%, 100%
XYZ	71.8193, 71.3918, 104.6025
YIQ	221.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

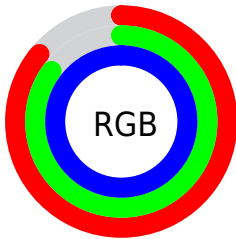
Format	Color
R_{YB}	219, 216, 255
Decimal	14407935
CIE _{Lab}	87.68, 8.54, -18.59
CIE _{LCh}	88, 20.460, 294.660
Yxy	71.3918, 0.2898, 0.2881
Android (android.graphics.Color)	4292598015 (0xFFD8D8FF)
YUV	221.3430, 16.5929, -2.0548
Hunter-Lab	84.4937, 3.8604, -14.2550

Details

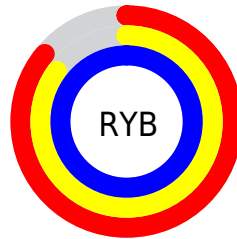
The YUV color $221.3430, 16.5929, -2.0548$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $249.6570, -16.5929, 2.0548$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.1150, 15.7193, -1.8549$ is the 20% darker color. If you saturate the color by 10%, you get $199.4920, 27.3654, -3.9395$, and if you desaturate by 10%, it is $243.7810, 5.5310, -0.6849$.

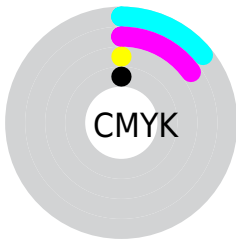
Distribution



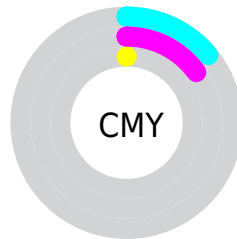
- Red (86%)
- Green (85%)
- Blue (100%)



- Red (86%)
- Yellow (85%)
- Blue (100%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3430, 16.5929, -2.0548 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 221.3430, 16.5929, -2.0548 by changing the saturation by 10% instead.

■ 221.3430, 16.5929,
-2.0548

■ 221.3430, 16.5929,
-2.0548

255.0000, 0.0000,
0.0000

■ 193.2290, 16.1561,
-1.9548

■ 166.1150, 15.7193,
-1.8549

■ 139.7020, 15.4299,
-2.3697

■ 114.4740, 14.5563,
-2.1697

■ 89.4740, 14.5563,
-2.1697

■ 65.9470, 13.8301,
-2.5845

■ 43.4200, 13.1039,

-2.9993

■ 22.5940, 12.5252,
-4.0289

■ 3.6650, 11.5042,
-3.2142

■ 221.3430, 16.5929,
-2.0548

■ 221.3430, 16.5929,
-2.0548

■ 199.4920, 27.3654,
-3.9395

■ 243.7810, 5.5310,
-0.6849

■ 177.3530, 38.2800,
-4.6946

255.0000, 0.0000,
0.0000

■ 155.5020, 49.0525,
-6.5793

■ 133.3630, 59.9670,
-7.3344

■ 111.5120, 70.7396,
-9.2190

■ 89.3730, 81.6541,
-9.9741

■ 66.9350, 92.7160,
-11.3440

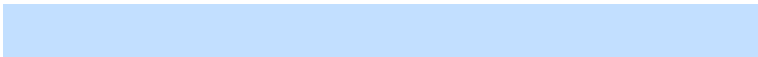
■ 45.3830, 103.3412,
-12.6139

■ 35.0500, 108.4353,
-13.1988

Harmonies

Analogous

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



217.9770, 18.2523, -21.0278



221.3430, 16.5929, -2.0548



223.3300, 9.6973, 16.3736

Triad

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



221.3430, 16.5929, -2.0548



221.3490, -15.9481, 28.6349



213.0300, 0.9712, -31.5983

Complementary

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



221.3430, 16.5929, -2.0548



249.6570, -16.5929, 2.0548

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.



214.5990, -8.6763, -17.1883



221.3430, 16.5929, -2.0548



219.4740, -18.9677, 17.1243

Square

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



221.3430, 16.5929, -2.0548



221.0100, -8.3859, 29.8092



217.6460, -16.5875, 0.3105



212.6190, 11.0338, -39.1309

Rectangle

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



221.3430, 16.5929, -2.0548



223.4900, 3.7024, 25.8803



217.6460, -16.5875, 0.3105



213.2540, -2.0972, -27.4098

Sweetspot

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



221.3430, 16.5929, -2.0548



243.7810, 5.5310, -0.6849



241.5780, 6.6170, -22.4319



120.9120, 3.4944, -0.7998



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.



221.3430, 16.5929, -2.0548



215.4400, 19.5031, -2.1399



227.0240, 13.7922, 9.6260



116.7810, 5.5310, -0.6849



26.2590, 81.2173, -9.8741



8.7910, 27.2180, -3.3247

Inverse Universe

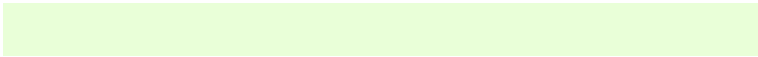
The Inverse Universe completely reimagines the original color for something new.



231.7650, 9.9759, 20.3771



227.5420, 11.5648, 24.0807



243.9760, -13.7922, -9.6260



120.2550, 3.3253, 6.7924



77.2870, 49.1585, 99.7263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 221.3430, 16.5929, -2.0548 looks on a white background.

Color Contrast Check

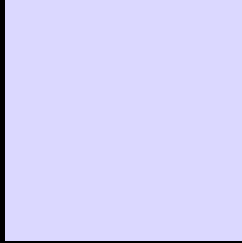
Large Text (above 18pt) WCAG AA × Fail

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 221.3430, 16.5929, -2.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

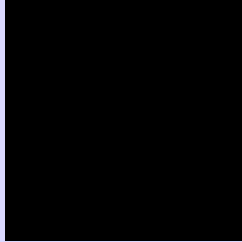
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.3430, 16.5929, -2.0548

Background



This preview shows how black text looks on a background with the YUV color 221.3430, 16.5929, -2.0548.



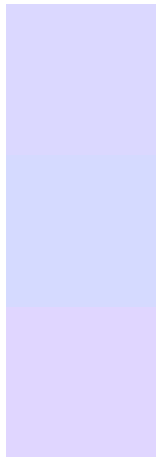
This preview shows how white text looks on a background with the YUV color 221.3430, 16.5929, -2.0548.

-2.0548.

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

221.3430, 16.5929, -2.0548

Protanopia

220.7230, 16.8986, -6.7731

Deuteranopia

221.6640, 16.4346, 2.0487



Tritanopia

220.1550, 8.3046, -3.6439

Trichromacy



Original Color

221.3430, 16.5929, -2.0548

Protanomaly

220.7340, 16.8931, -5.0287

Deuteranomaly

221.6530, 16.4401, 0.3043

Tritanomaly

220.6650, 11.5042, -3.2142

Monochromacy



Original Color

221.3430, 16.5929, -2.0548

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3430, 16.5929, -2.0548 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 216, 255)  
}
```

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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 216, 255) }
```

Border

The CSS property to change the border of an element to YUV 221.3430, 16.5929, -2.0548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

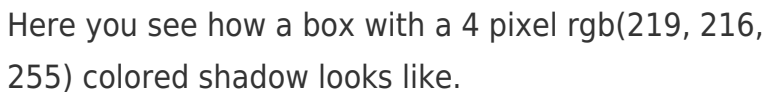
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 216, 255) }
```


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

```
.border{ border-color:rgb(219, 216, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 216,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 221.3430, 16.5929, -2.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 216, 255) }
```

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

```
.background{ background-color: rgb(219,  
216, 255) }
```

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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