

Converting Colors

YUV(221.1430, 16.6915,
13.0296)

Have a look what the booklet for
YUV(221.1430, 16.6915, 13.0296)
contains.

| | |
|--|----|
| YUV(221.1430, 16.6915, 13.0296) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(221.1430, 16.6915,
13.0296)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ECCFFF |
| RGB | 236, 207, 255 |
| RGB Percent | 93%, 81%, 100% |
| CMY | 0.0745, 0.1882, 0.0000 |
| CMYK | 0.07, 0.19, 0.00, 0.00 |
| HSL | 276°, 100%, 91% |
| HSV | 276°, 19%, 100% |
| XYZ | 74.9549, 69.6785, 104.1065 |
| YIQ | 221.1430, 1.8760, 21.0760 |

Conversions

Conversions Part 2

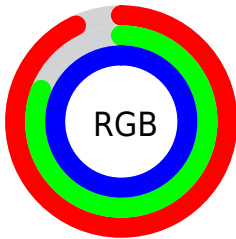
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 236, 207, 255 |
| Decimal | 15519743 |
| CIE Lab | 86.84, 18.67, -19.72 |
| CIE LCh | 87, 27.161, 313.435 |
| Yxy | 69.6785, 0.3013, 0.2801 |
| Android (android.graphics.Color) | 4293709823 (0xFFECCFFF) |
| YUV | 221.1430, 16.6915, 13.0296 |
| Hunter-Lab | 83.4737, 14.2046, -15.5136 |

Details

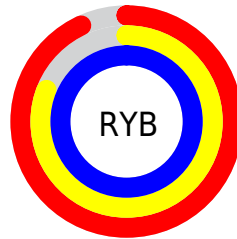
The YUV color $221.1430, 16.6915, 13.0296$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $240.8570, -16.6915, -13.0296$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.2030, 15.6759, 12.1000$ is the 20% darker color. If you saturate the color by 10%, you get $202.8910, 25.6897, 20.2666$, and if you desaturate by 10%, it is $239.3950, 7.6933, 5.7926$.

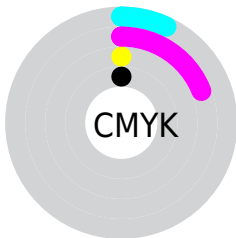
Distribution



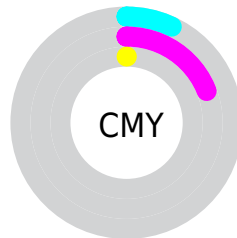
- Red (93%)
- Green (81%)
- Blue (100%)



- Red (93%)
- Yellow (81%)
- Blue (100%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 221.1430, 16.6915, 13.0296 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 221.1430, 16.6915, 13.0296 by changing the saturation by 10% instead.

 221.1430, 16.6915,
13.0296


 221.1430, 16.6915,
13.0296


255.0000, 0.0000,
0.0000


 193.0290, 16.2547,
13.1296

 166.2030, 15.6759,
12.1000

 139.7900, 15.3865,
11.5852

 113.6760, 14.9497,
11.6851

 88.9640, 14.8077,
10.5556

 65.4370, 14.0816,
10.1408

 42.9100, 13.3554,

9.7259

■ 21.6710, 12.4872,
8.1815

■ 2.9640, 11.3567,
-2.5994

■ 221.1430, 16.6915,
13.0296

■ 221.1430, 16.6915,
13.0296

■ 202.8910, 25.6897,
20.2666

■ 239.3950, 7.6933,
5.7926

■ 185.2260, 34.3986,
26.9888

255.0000, 0.0000,
0.0000

■ 167.5610, 43.1074,
33.7110

■ 149.3090, 52.1057,
40.9480

■ 131.6440, 60.8145,
47.6702

■ 113.0930, 69.9602,
54.2924

■ 94.8410, 78.9584,
61.5294

■ 77.1760, 87.6672,
68.2516

■ 75.1160, 88.6828,
69.1813

Harmonies

Analogous

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



216.5590, 18.9514, -11.8912



221.1430, 16.6915, 13.0296



220.7940, 6.0176, 29.9987

Triad

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



221.1430, 16.6915, 13.0296



217.8730, -24.0944, 28.1754



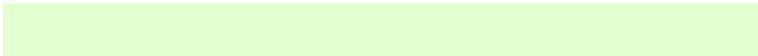
206.1290, 10.7824, -51.8561

Complementary

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



221.1430, 16.6915, 13.0296



240.8570, -16.6915, -13.0296

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.



208.5580, -3.2331, -36.4464



221.1430, 16.6915, 13.0296



214.8660, -23.5979, 8.8875

Square

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



221.1430, 16.6915, 13.0296



216.2680, -16.4011, 33.9680



212.2590, -16.3967, -14.2591



207.6910, 21.8443, -53.2260

Rectangle

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



221.1430, 16.6915, 13.0296



217.5680, -1.2660, 32.8279



212.2590, -16.3967, -14.2591



206.7120, 6.5510, -47.9824

Sweetspot

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



221.1430, 16.6915, 13.0296



244.4010, 5.2253, 4.0333



223.6250, 15.4679, -14.5801



121.5210, 3.1941, 2.1741



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.



221.1430, 16.6915, 13.0296



213.4900, 20.4644, 16.2333



226.2540, 11.7068, 25.2102



118.5750, 4.6465, 3.0037



56.4580, 66.3292, 52.2183



18.9570, 22.2062, 17.5777

Inverse Universe

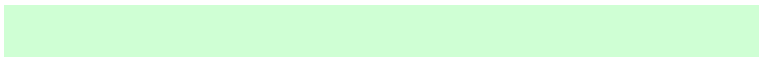
The Inverse Universe completely reimagines the original color for something new.



223.5180, 1.2236, 27.6097



216.3770, 1.7861, 33.8724



235.7460, -11.7068, -25.2102



119.4570, 0.2677, 7.4922



65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 221.1430, 16.6915, 13.0296 looks on a white background.

Color Contrast Check

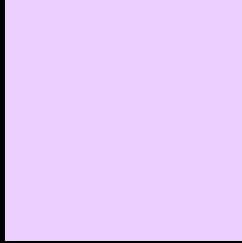
Large Text (above 18pt) WCAG AA × Fail

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 221.1430, 16.6915, 13.0296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

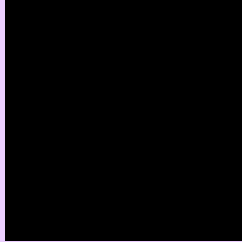
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.1430, 16.6915, 13.0296

Background



This preview shows how black text looks on a background with the YUV color 221.1430, 16.6915, 13.0296.

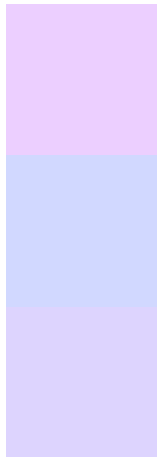


This preview shows how white text looks on a background with the YUV color 221.1430, 16.6915,

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

221.1430, 16.6915, 13.0296

Protanopia

218.3530, 18.0670, -8.2026

Deuteranopia

219.4790, 17.0189, 1.3339



Tritanopia

219.8040, 4.0406, 10.6959

Trichromacy



Original Color

221.1430, 16.6915, 13.0296

Protanomaly

219.5820, 17.4611, -0.5104

Deuteranomaly

219.8000, 16.8606, 5.4374

Tritanomaly

220.0690, 8.8400, 11.3405

Monochromacy



Original Color

221.1430, 16.6915, 13.0296

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1430, 16.6915, 13.0296 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(236, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 207, 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(236, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 207, 255) }
```

Border

The CSS property to change the border of an element to YUV 221.1430, 16.6915, 13.0296 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(236, 207, 255) }
```


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

```
.border{ border-color:rgb(236, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 207,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 221.1430, 16.6915, 13.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 207, 255) }
```

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

```
.background{ background-color: rgb(236,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor