

Converting Colors

YUV(221.8280, 14.3818, 7.1668)

Have a look what the booklet for
YUV(221.8280, 14.3818, 7.1668)
contains.

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Color

**YUV(221.8280, 14.3818,
7.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D4FB
RGB	230, 212, 251
RGB Percent	90%, 83%, 98%
CMY	0.0980, 0.1686, 0.0157
CMYK	0.08, 0.16, 0.00, 0.02
HSL	268°, 83%, 91%
HSV	268°, 16%, 98%
XYZ	73.5892, 70.8750, 101.0685
YIQ	221.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

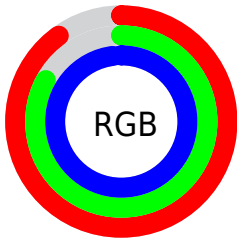
Format	Color
R _Y B	230, 212, 251
Decimal	15127803
CIE Lab	87.42, 13.33, -16.78
CIE LCh	87, 21.428, 308.463
Yxy	70.8750, 0.2997, 0.2887
Android (android.graphics.Color)	4293317883 (0xFFE6D4FB)
YUV	221.8280, 14.3818, 7.1668
Hunter-Lab	84.1873, 8.7014, -12.2477

Details

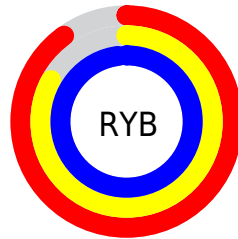
The YUV color **221.8280, 14.3818, 7.1668** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **241.1720, -14.3818, -7.1668**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **166.3010, 13.6556, 6.7520** is the 20% darker color. If you saturate the color by 10%, you get **202.9670, 23.6803, 11.4299**, and if you desaturate by 10%, it is **240.6890, 5.0833, 2.9037**.

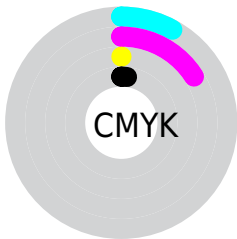
Distribution



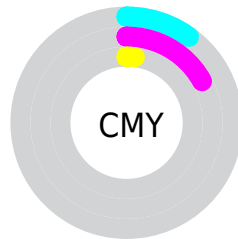
- Red (90%)
- Green (83%)
- Blue (98%)



- Red (90%)
- Yellow (83%)
- Blue (98%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8280, 14.3818, 7.1668 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 221.8280, 14.3818, 7.1668 by changing the saturation by 10% instead.

221.8280, 14.3818,
7.1668

221.8280, 14.3818,
7.1668

255.0000, 0.0000,
0.0000

193.7140, 13.9450,
7.2668

166.3010, 13.6556,
6.7520

140.1870, 13.2188,
6.8520

114.7740, 12.9294,
6.3372

90.2470, 12.2032,
5.9224

66.8340, 11.9138,
5.4076

44.3070, 11.1876,

4.9928

■ 23.4810, 10.6089,
3.9632

■ 2.7360, 10.4832,
-2.3995

■ 221.8280, 14.3818,
7.1668

■ 221.8280, 14.3818,
7.1668

■ 202.9670, 23.6803,
11.4299

■ 240.6890, 5.0833,
2.9037

■ 184.4050, 32.8313,
16.3078

■ 254.5440, -1.7472,
0.3999

■ 165.5440, 42.1298,
20.5709

■ 146.9820, 51.2809,
25.4488

■ 128.1210, 60.5793,
29.7119

■ 108.9720, 70.0198,
35.1046

■ 90.1110, 79.3183,
39.3677

■ 71.5490, 88.4693,
44.2455

■ 63.2980, 92.5371,
46.2197

Harmonies

Analogous

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



218.6190, 17.9358, -12.8209



221.8280, 14.3818, 7.1668



223.2340, 5.3076, 24.3508

Triad

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



221.8280, 14.3818, 7.1668



219.9310, -18.7000, 24.6165



211.3650, 6.2291, -38.0311

Complementary

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



221.8280, 14.3818, 7.1668



241.1720, -14.3818, -7.1668

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.



213.2820, -4.5760, -25.6803



221.8280, 14.3818, 7.1668



218.0170, -19.2354, 9.6321

Square

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



221.8280, 14.3818, 7.1668



219.9840, -12.3171, 30.7090



215.5740, -14.0870, -8.3964



212.1610, 15.6966, -41.3602

Rectangle

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



221.8280, 14.3818, 7.1668



221.7740, -0.3816, 29.1392



215.5740, -14.0870, -8.3964



211.7630, 2.5818, -34.8722

Sweetspot

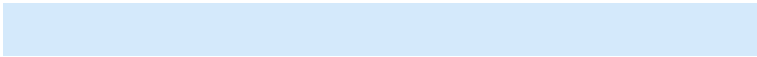
The Sweet Spot groups the original color and five complimentary colors.



221.8280, 14.3818, 7.1668



245.2760, 4.7939, 2.3889



228.7730, 10.9579, -14.7099



121.8090, 3.0522, 1.0445



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.



221.8280, 14.3818, 7.1668



219.0500, 17.7234, 8.7262



227.5090, 11.5811, 18.8476



115.2760, 4.7939, 2.3889



47.5590, 69.7304, 34.5898



15.3260, 22.5173, 11.1151

Inverse Universe

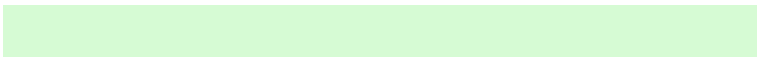
The Inverse Universe completely reimagines the original color for something new.



226.0550, 3.4239, 21.8768



224.3160, 4.2812, 26.9099



235.4910, -11.5811, -18.8476



116.6850, 1.1413, 7.2923



68.1390, 16.6935, 105.9951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 221.8280, 14.3818, 7.1668 looks on a white background.

Color Contrast Check

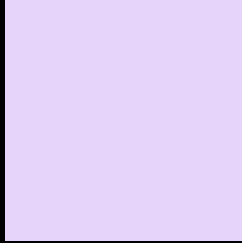
Large Text (above 18pt) WCAG AA × Fail

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 221.8280, 14.3818, 7.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

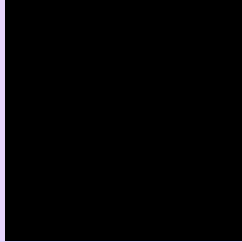
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

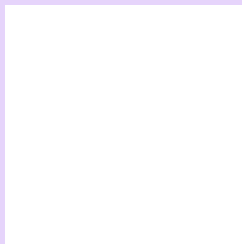
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.8280, 14.3818, 7.1668

Background



This preview shows how black text looks on a background with the YUV color 221.8280, 14.3818, 7.1668.



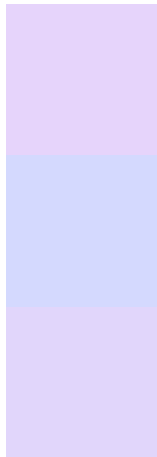
This preview shows how white text looks on a background with the YUV color 221.8280, 14.3818, 7.1668.

7.1668.

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

221.8280, 14.3818, 7.1668

Protanopia

219.7230, 16.8986, -6.7731

Deuteranopia

221.5070, 14.5400, 3.0634



Tritanopia

220.5260, 5.6567, 5.6777

Trichromacy



Original Color

221.8280, 14.3818, 7.1668

Protanomaly

220.5280, 16.0087, -1.3401

Deuteranomaly

221.5180, 14.5346, 4.8077

Tritanomaly

221.0360, 8.8563, 6.1074

Monochromacy



Original Color

221.8280, 14.3818, 7.1668

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8280, 14.3818, 7.1668 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(230, 212, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 212, 251)  
}
```

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(230, 212, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 212, 251) }
```

Border

The CSS property to change the border of an element to YUV 221.8280, 14.3818, 7.1668 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(230, 212, 251) }
```


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

```
.border{ border-color:rgb(230, 212, 251) }
```

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

Here you see how a box with a 4 pixel rgb(230, 212, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 212, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 212, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 212,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 221.8280, 14.3818, 7.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 212, 251) }
```

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

```
.background{ background-color: rgb(230,  
212, 251) }
```

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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