

Converting Colors

YUV(222.5830, 15.9816, 7.3817)

Have a look what the booklet for
YUV(222.5830, 15.9816, 7.3817)
contains.

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Color

**YUV(222.5830, 15.9816,
7.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D4FF
RGB	231, 212, 255
RGB Percent	91%, 83%, 100%
CMY	0.0941, 0.1686, 0.0000
CMYK	0.09, 0.17, 0.00, 0.00
HSL	267°, 100%, 92%
HSV	267°, 17%, 100%
XYZ	74.5485, 71.2959, 104.4401
YIQ	222.5830, -2.4790, 17.4010

Conversions

Conversions Part 2

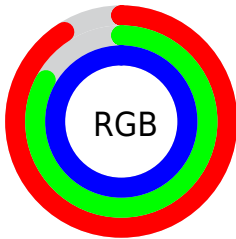
Format	Color
R_{YB}	231, 212, 255
Decimal	15193343
CIE _{Lab}	87.63, 14.43, -18.57
CIE _{LCh}	88, 23.521, 307.854
Yxy	71.2959, 0.2979, 0.2849
Android (android.graphics.Color)	4293383423 (0xFFE7D4FF)
YUV	222.5830, 15.9816, 7.3817
Hunter-Lab	84.4369, 9.8313, -14.2300

Details

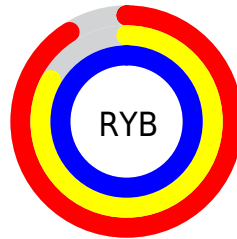
The YUV color $222.5830, 15.9816, 7.3817$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.4170, -15.9816, -7.3817$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.0560, 15.2554, 6.9669$ is the 20% darker color. If you saturate the color by 10%, you get $203.7220, 25.2801, 11.6448$, and if you desaturate by 10%, it is $242.0310, 6.3937, 2.6038$.

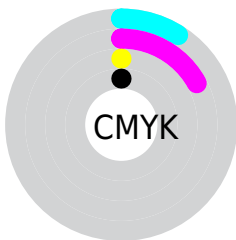
Distribution



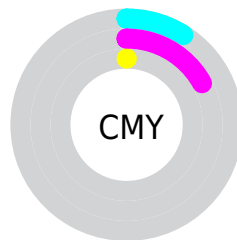
- Red (91%)
- Green (83%)
- Blue (100%)



- Red (91%)
- Yellow (83%)
- Blue (100%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5830, 15.9816, 7.3817 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 222.5830, 15.9816, 7.3817 by changing the saturation by 10% instead.

222.5830, 15.9816,
7.3817

222.5830, 15.9816,
7.3817

255.0000, 0.0000,
0.0000

194.4690, 15.5448,
7.4817

167.0560, 15.2554,
6.9669

140.6430, 14.9660,
6.4521

115.1160, 14.2398,
6.0373

90.7030, 13.9504,
5.5225

67.1760, 13.2242,
5.1076

44.6490, 12.4980,

4.6928

■ 23.7090, 11.4825,
3.7632

■ 3.0780, 11.7935,
-2.6994

■ 222.5830, 15.9816,
7.3817

■ 222.5830, 15.9816,
7.3817

■ 203.7220, 25.2801,
11.6448

■ 242.0310, 6.3937,
2.6038

■ 184.2740, 34.8679,
16.4227

255.0000, 0.0000,
0.0000

■ 165.1140, 44.3138,
20.0710

■ 145.6660, 53.9017,
24.8489

■ 126.8050, 63.2001,
29.1120

■ 107.3570, 72.7880,
33.8899

■ 87.6100, 82.5233,
38.0530

■ 68.7490, 91.8217,
42.3161

■ 62.8570, 94.7265,
43.9754

Harmonies

Analogous

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



218.6080, 17.9413, -14.5652



222.5830, 15.9816, 7.3817



223.8860, 6.4652, 26.4100

Triad

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



222.5830, 15.9816, 7.3817



220.7850, -20.6000, 27.3756



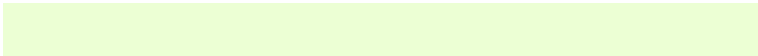
211.1580, 6.8241, -42.2346

Complementary

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



222.5830, 15.9816, 7.3817



244.4170, -15.9816, -7.3817

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.



212.7440, -5.2968, -27.8395



222.5830, 15.9816, 7.3817



218.1590, -21.2774, 11.2616

Square

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



222.5830, 15.9816, 7.3817



219.1690, -12.9013, 31.4238



215.8190, -15.6868, -8.6113



211.1820, 17.1653, -45.7636

Rectangle

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



222.5830, 15.9816, 7.3817



221.3010, 0.3446, 29.5540



215.8190, -15.6868, -8.6113



211.1540, 2.8821, -37.8461

Sweetspot

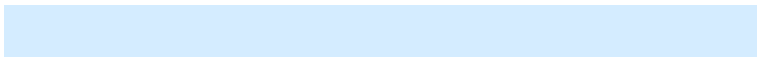
The Sweet Spot groups the original color and five complimentary colors.



222.5830, 15.9816, 7.3817



245.2760, 4.7939, 2.3889



230.9900, 11.8369, -16.6542



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.



222.5830, 15.9816, 7.3817



216.6910, 18.8863, 9.0410



228.8620, 12.8860, 20.2920



117.9770, 4.9413, 1.7742



47.1890, 70.8988, 33.1602



15.6680, 23.8277, 10.8152

Inverse Universe

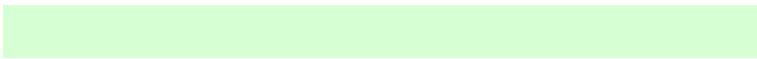
The Inverse Universe completely reimagines the original color for something new.



227.5930, 4.1447, 24.0359



222.4410, 4.7126, 28.5542



238.1380, -12.8860, -20.2920



119.6850, 1.1413, 7.2923



69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 222.5830, 15.9816, 7.3817 looks on a white background.

Color Contrast Check

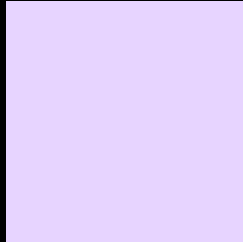
Large Text (above 18pt) WCAG AA × Fail

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 222.5830, 15.9816, 7.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

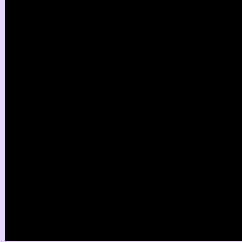
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.5830, 15.9816, 7.3817

Background



This preview shows how black text looks on a background with the YUV color 222.5830, 15.9816, 7.3817.

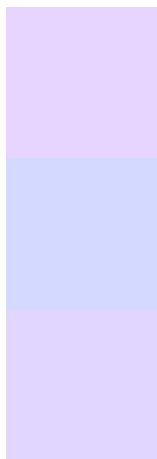


This preview shows how white text looks on a background with the YUV color 222.5830, 15.9816, 7.3817.

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

222.5830, 15.9816, 7.3817

Protanopia

220.4240, 17.0460, -7.3878

Deuteranopia

221.6640, 16.4346, 2.0487



Tritanopia

221.2270, 5.8041, 5.0629

Trichromacy



Original Color

222.5830, 15.9816, 7.3817

Protanomaly

221.3430, 16.5929, -2.0548

Deuteranomaly

221.9740, 16.2818, 4.4078

Tritanomaly

221.8510, 9.4405, 5.3927

Monochromacy



Original Color

222.5830, 15.9816, 7.3817

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5830, 15.9816, 7.3817 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(231, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 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(231, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 255) }
```

Border

The CSS property to change the border of an element to YUV 222.5830, 15.9816, 7.3817 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(231, 212, 255) }
```


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

```
.border{ border-color:rgb(231, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 222.5830, 15.9816, 7.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 255) }
```

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

```
.background{ background-color: rgb(231,  
212, 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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