

Converting Colors

YUV(207.8860, 23.2272,
16.7630)

Have a look what the booklet for
YUV(207.8860, 23.2272, 16.7630)
contains.

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Color

**YUV(207.8860, 23.2272,
16.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BDFE
RGB	227, 189, 255
RGB Percent	89%, 74%, 100%
CMY	0.1098, 0.2588, 0.0000
CMYK	0.11, 0.26, 0.00, 0.00
HSL	275°, 100%, 87%
HSV	275°, 26%, 100%
XYZ	67.9261, 59.9461, 102.5984
YIQ	207.8860, 1.4620, 28.5820

Conversions

Conversions Part 2

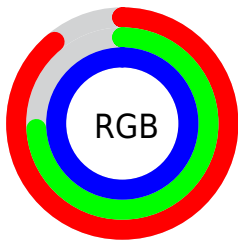
Format	Color
R _Y B	227, 189, 255
Decimal	14925311
CIE Lab	81.81, 25.44, -27.44
CIE LCh	82, 37.418, 312.834
Yxy	59.9461, 0.2947, 0.2601
Android (android.graphics.Color)	4293115391 (0xFFE3BDFF)
YUV	207.8860, 23.2272, 16.7630
Hunter-Lab	77.4249, 21.1076, -24.3699

Details

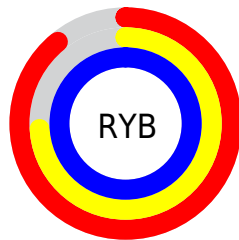
The YUV color **207.8860, 23.2272, 16.7630** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **236.1140, -23.2272, -16.7630**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.1300, 2.8939, 5.1480**, and **152.9460, 22.2116, 15.8334** is the 20% darker color. If you saturate the color by 10%, you get **189.9220, 32.0835, 22.8704**, and if you desaturate by 10%, it is **226.4370, 14.0816, 10.1408**.

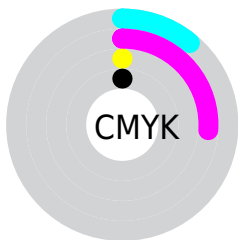
Distribution



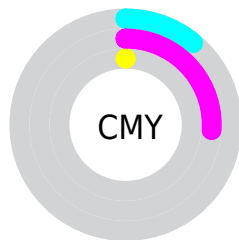
- Red (89%)
- Green (74%)
- Blue (100%)



- Red (89%)
- Yellow (74%)
- Blue (100%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 207.8860, 23.2272, 16.7630 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 207.8860, 23.2272, 16.7630 by changing the saturation by 10% instead.


 207.8860, 23.2272,
16.7630


 207.8860, 23.2272,
16.7630


255.0000, 0.0000,
0.0000


 180.3590, 22.5010,
16.3482


 249.1300, 2.8939,
5.1480

 152.9460, 22.2116,
15.8334

 127.1200, 21.6328,
14.8038

 101.5930, 20.9067,
14.3889

 76.7670, 20.3279,
13.3593

 53.8270, 19.3123,
12.4297

 31.0010, 18.7335,

11.4001

■ 12.8330, 16.8443,
10.6705

■ 3.4370, 10.6306,
-3.0142

■ 207.8860, 23.2272,
16.7630

■ 207.8860, 23.2272,
16.7630

■ 189.9220, 32.0835,
22.8704

■ 226.4370, 14.0816,
10.1408

■ 171.3710, 41.2291,
29.4926

■ 244.4010, 5.2253,
4.0333

■ 153.7060, 49.9379,
36.2148

■ 255.0000, 0.0000,
0.0000

■ 135.1550, 59.0836,
42.8371

■ 117.1910, 67.9398,
48.9445

■ 98.6400, 77.0855,
55.5667

■ 80.6760, 85.9417,
61.6741

■ 73.0230, 89.7147,
64.8778

Harmonies

Analogous

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



201.1650, 26.5407, -19.4387



207.8860, 23.2272, 16.7630



206.9680, 8.8898, 42.1241

Triad

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



207.8860, 23.2272, 16.7630



202.7510, -32.4152, 37.0524



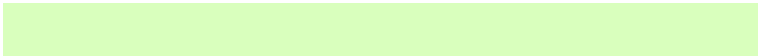
183.5600, 16.9789, -79.4211

Complementary

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



207.8860, 23.2272, 16.7630



236.1140, -23.2272, -16.7630

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.



189.6440, -3.7685, -51.4308



207.8860, 23.2272, 16.7630



199.5860, -32.3339, 10.8871

Square

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



207.8860, 23.2272, 16.7630



201.5640, -21.9701, 46.8634



195.1460, -21.7640, -19.4220



183.0550, 33.0039, -85.9942

Rectangle

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



207.8860, 23.2272, 16.7630



203.0580, -1.0146, 45.5531



195.1460, -21.7640, -19.4220



185.7800, 9.9685, -70.8441

Sweetspot

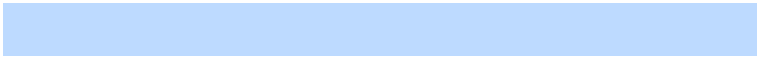
The Sweet Spot groups the original color and five complimentary colors.



207.8860, 23.2272, 16.7630



240.5690, 7.1145, 4.7630



213.5470, 20.4363, -21.5277



118.5750, 4.6465, 3.0037



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.



207.8860, 23.2272, 16.7630



198.4610, 27.8737, 19.7667



215.8020, 17.3526, 34.3766



118.5750, 4.6465, 3.0037



54.6640, 67.2136, 48.5297



18.3590, 22.5010, 16.3482

Inverse Universe

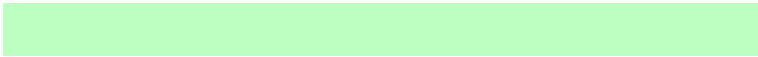
The Inverse Universe completely reimagines the original color for something new.



211.9260, 2.5015, 37.7759



203.3830, 2.7692, 45.2681



228.1980, -17.3526, -34.3766



119.4570, 0.2677, 7.4922



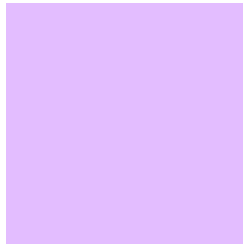
66.3430, 7.2259, 109.3242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 207.8860, 23.2272, 16.7630 looks on a white background.

Color Contrast Check

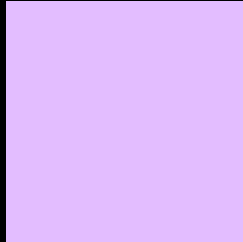
Large Text (above 18pt) WCAG AA × Fail

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 207.8860, 23.2272, 16.7630 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 207.8860, 23.2272, 16.7630

Background



This preview shows how black text looks on a background with the YUV color 207.8860, 23.2272, 16.7630.

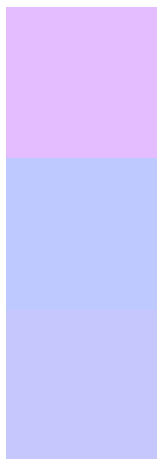


This preview shows how white text looks on a background with the YUV color 207.8860, 23.2272, 16.7630.

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

207.8860, 23.2272, 16.7630

Protanopia

204.4540, 24.9192, -12.6762

Deuteranopia

204.8570, 23.7345, -6.0136



Tritanopia

205.5870, 3.1616, 12.6402

Trichromacy



Original Color

207.8860, 23.2272, 16.7630

Protanomaly

205.4060, 24.4498, -2.1101

Deuteranomaly

205.9120, 23.7074, 2.7082

Tritanomaly

206.5470, 10.5763, 14.4293

Monochromacy



Original Color

207.8860, 23.2272, 16.7630

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.9220, 8.4195, 6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.8860, 23.2272, 16.7630 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(227, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 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(227, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 255) }
```

Border

The CSS property to change the border of an element to YUV 207.8860, 23.2272, 16.7630 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(227, 189, 255) }
```


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

```
.border{ border-color:rgb(227, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 207.8860, 23.2272, 16.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 255) }
```

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

```
.background{ background-color: rgb(227,  
189, 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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