

Converting Colors

YUV(213.9200, 18.2804,
16.7332)

Have a look what the booklet for
YUV(213.9200, 18.2804, 16.7332)
contains.

YUV(213.9200, 18.2804, 16.7332)	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(213.9200, 18.2804,
16.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C5FB
RGB	233, 197, 251
RGB Percent	91%, 77%, 98%
CMY	0.0863, 0.2275, 0.0157
CMYK	0.07, 0.22, 0.00, 0.02
HSL	280°, 87%, 88%
HSV	280°, 22%, 98%
XYZ	70.9831, 64.2212, 99.9215
YIQ	213.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

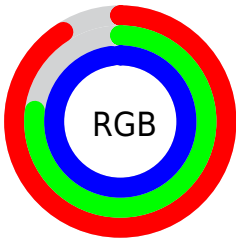
Format	Color
R_{YB}	233, 197, 251
Decimal	15320571
CIE _{Lab}	84.08, 22.25, -21.80
CIE _{LCh}	84, 31.155, 315.588
Y _{xy}	64.2212, 0.3019, 0.2731
Android (android.graphics.Color)	4293510651 (0xFFE9C5FB)
YUV	213.9200, 18.2804, 16.7332
Hunter-Lab	80.1381, 17.8664, -17.8300

Details

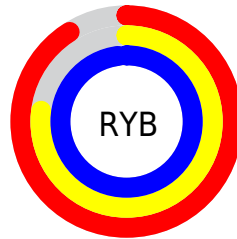
The YUV color $213.9200, 18.2804, 16.7332$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $234.0800, -18.2804, -16.7332$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2894, 0.5148$, and $158.9800, 17.2649, 15.8035$ is the 20% darker color. If you saturate the color by 10%, you get $196.8530, 26.6945, 24.6849$, and if you desaturate by 10%, it is $230.9870, 9.8664, 8.7814$.

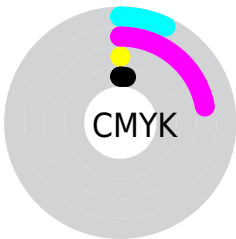
Distribution



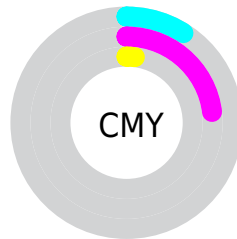
- Red (91%)
- Green (77%)
- Blue (98%)



- Red (91%)
- Yellow (77%)
- Blue (98%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)




- Cyan (9%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.9200, 18.2804, 16.7332 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 213.9200, 18.2804, 16.7332 by changing the saturation by 10% instead.


 213.9200, 18.2804,
16.7332


 213.9200, 18.2804,
16.7332


255.0000, 0.0000,
0.0000


 186.3930, 17.5543,
16.3183


254.4130, 0.2894,
0.5148

 158.9800, 17.2649,
15.8035

 132.5670, 16.9755,
15.2887

 107.1540, 16.6861,
14.7739

 82.3280, 16.1073,
13.7443

 59.3880, 15.0917,
12.8147

 36.6760, 14.9497,

11.6851

■ 13.6870, 14.9443,
13.4295

■ 3.2090, 9.7570,
-2.8143

■ 213.9200, 18.2804,
16.7332

■ 213.9200, 18.2804,
16.7332

■ 196.8530, 26.6945,
24.6849

■ 230.9870, 9.8664,
8.7814

■ 179.4870, 35.2559,
32.0219

■ 248.3530, 1.3050,
1.4444

■ 162.4200, 43.6699,
39.9737

■ 254.5440, -1.7472,
0.3999

■ 145.3530, 52.0840,
47.9254

■ 127.9870, 60.6454,
55.2624

■ 110.3330, 69.3488,
63.7290

■ 92.9670, 77.9103,
71.0659

■ 78.5470, 85.0193,
77.5733

Harmonies

Analogous

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



208.8840, 22.7352, -12.1763



213.9200, 18.2804, 16.7332



213.4250, 5.7065, 36.4613

Triad

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



213.9200, 18.2804, 16.7332



209.5590, -27.8836, 30.2048



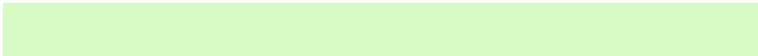
195.5730, 14.0145, -61.8925

Complementary

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



213.9200, 18.2804, 16.7332



234.0800, -18.2804, -16.7332

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.



198.7420, -2.3378, -43.6237



213.9200, 18.2804, 16.7332



206.7580, -26.5027, 7.2282

Square

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



213.9200, 18.2804, 16.7332



209.3890, -19.9118, 40.0008



203.2970, -17.4014, -18.6775



196.8900, 26.6762, -63.0475

Rectangle

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



213.9200, 18.2804, 16.7332



209.9710, -2.4507, 39.4904



203.2970, -17.4014, -18.6775



196.2270, 8.7621, -57.2041

Sweetspot

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



213.9200, 18.2804, 16.7332



244.7000, 5.0779, 4.6481



213.7220, 18.3781, -14.6652



121.8200, 3.0467, 2.7889



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.



213.9200, 18.2804, 16.7332



209.6800, 22.3428, 20.4516



218.2760, 11.6959, 28.6989



116.1730, 4.3517, 4.2333



59.2200, 63.9815, 58.5661



19.2130, 20.6010, 19.1072

Inverse Universe

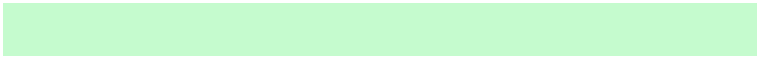
The Inverse Universe completely reimagines the original color for something new.



215.1980, -0.0976, 31.3984



211.2420, -0.1193, 38.3758



229.7240, -11.6959, -28.6989



116.4570, 0.2677, 7.4922



63.6930, -0.3416, 109.8942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 213.9200, 18.2804, 16.7332 looks on a white background.

Color Contrast Check

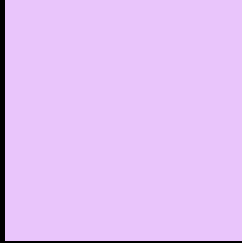
Large Text (above 18pt) WCAG AA × Fail

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 213.9200, 18.2804, 16.7332 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 213.9200, 18.2804, 16.7332

Background



This preview shows how black text looks on a background with the YUV color 213.9200, 18.2804, 16.7332.



This preview shows how white text looks on a background with the YUV color 213.9200, 18.2804,

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

213.9200, 18.2804, 16.7332

Protanopia

210.6670, 21.8562, -10.2320

Deuteranopia

211.8100, 18.3347, -0.7104



Tritanopia

212.2990, 3.3036, 13.7698

Trichromacy



Original Color

213.9200, 18.2804, 16.7332

Protanomaly

211.7930, 20.8081, -0.6955

Deuteranomaly

212.5550, 18.4604, 5.6523

Tritanomaly

213.0910, 8.8291, 14.8292

Monochromacy



Original Color

213.9200, 18.2804, 16.7332

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0530, 6.3829, 6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9200, 18.2804, 16.7332 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(233, 197, 251)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 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(233, 197, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 251) }
```

Border

The CSS property to change the border of an element to YUV 213.9200, 18.2804, 16.7332 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(233, 197, 251) }
```


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

```
.border{ border-color:rgb(233, 197, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 197, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 251);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 213.9200, 18.2804, 16.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 197, 251) }
```

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

```
.background{ background-color: rgb(233,  
197, 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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