

Converting Colors

YUV(203.1910, 17.1608, 2.4635)

Have a look what the booklet for
YUV(203.1910, 17.1608, 2.4635)
contains.

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Color

**YUV(203.1910, 17.1608,
2.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC3EE
RGB	206, 195, 238
RGB Percent	81%, 76%, 93%
CMY	0.1922, 0.2353, 0.0667
CMYK	0.13, 0.18, 0.00, 0.07
HSL	255°, 56%, 85%
HSV	255°, 18%, 93%
XYZ	60.4013, 58.3251, 88.9633
YIQ	203.1910, -7.2470, 15.7050

Conversions

Conversions Part 2

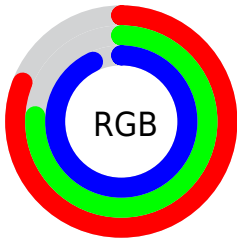
Format	Color
R _Y B	206, 195, 238
Decimal	13550574
CIE Lab	80.92, 12.12, -19.87
CIE LCh	81, 23.274, 301.374
Yxy	58.3251, 0.2908, 0.2808
Android (android.graphics.Color)	4291740654 (0xFFCEC3EE)
YUV	203.1910, 17.1608, 2.4635
Hunter-Lab	76.3709, 7.5258, -15.6065

Details

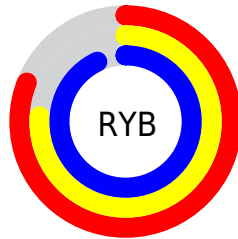
The YUV color **203.1910, 17.1608, 2.4635** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **229.8090, -17.1608, -2.4635**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2390, 0.8682, 1.5444**, and **148.6640, 16.4346, 2.0487** is the 20% darker color. If you saturate the color by 10%, you get **183.7210, 26.7595, 3.7527**, and if you desaturate by 10%, it is **222.6610, 7.5621, 1.1743**.

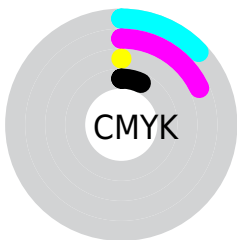
Distribution



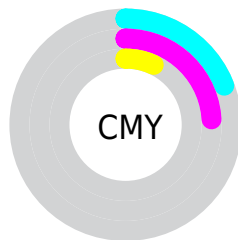
- Red (81%)
- Green (76%)
- Blue (93%)



- Red (81%)
- Yellow (76%)
- Blue (93%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)





- Cyan (19%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.1910, 17.1608, 2.4635 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 203.1910, 17.1608, 2.4635 by changing the saturation by 10% instead.


 203.1910, 17.1608,
2.4635


 203.1910, 17.1608,
2.4635


255.0000, 0.0000,
0.0000


 175.7780, 16.8714,
1.9487


 253.2390, 0.8682,
1.5444

 148.6640, 16.4346,
2.0487

 123.1370, 15.7085,
1.6339

 98.0230, 15.2717,
1.7338

 74.4960, 14.5455,
1.3190

 51.0830, 14.2561,
0.8042

 30.1430, 13.2405,

-0.1254

■ 6.9800, 13.8139,
2.6485

■ 1.1400, 4.3680,
-0.9998

■ 203.1910, 17.1608,
2.4635

■ 203.1910, 17.1608,
2.4635

■ 183.7210, 26.7595,
3.7527

■ 222.6610, 7.5621,
1.1743

■ 164.5500, 36.2108,
5.6566

■ 241.8320, -1.8892,
-0.7297

■ 145.6670, 45.5202,
6.4310

■ 253.0620, -7.4256,
1.6996

■ 126.1970, 55.1189,
7.7202

■ 106.7270, 64.7176,
9.0094

■ 87.5560, 74.1689,
10.9134

■ 68.0860, 83.7676,
12.2026

■ 49.2030, 93.0769,
12.9770

■ 45.3710, 94.9661,
13.7066

Harmonies

Analogous

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



199.3130, 22.0307, -19.5685



203.1910, 17.1608, 2.4635



205.0210, 8.3706, 21.9066

Triad

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



203.1910, 17.1608, 2.4635



202.1380, -19.2950, 28.8200



192.1970, 4.3399, -38.7608

Complementary

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



203.1910, 17.1608, 2.4635



229.8090, -17.1608, -2.4635

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.



194.4950, -7.6390, -23.2361



203.1910, 17.1608, 2.4635



200.2950, -20.8514, 14.6503

Square

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



203.1910, 17.1608, 2.4635



203.4300, -12.0440, 36.4569



197.2110, -16.8660, -3.6930



192.6120, 14.9813, -45.2637

Rectangle

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



203.1910, 17.1608, 2.4635



204.9530, 1.5022, 31.6132



197.2110, -16.8660, -3.6930



193.1930, 0.3979, -34.3723

Sweetspot

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



203.1910, 17.1608, 2.4635



244.6780, 5.0887, 1.1594



218.6860, 9.5218, -20.7726



121.5100, 3.1996, 0.4297



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.



203.1910, 17.1608, 2.4635



209.5700, 22.3970, 3.0081



209.4700, 14.0653, 15.3738



110.2650, 4.7994, 0.6446



35.0290, 73.4427, 10.4986



10.5700, 22.3970, 3.0081

Inverse Universe

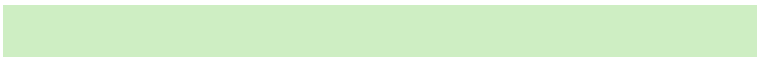
The Inverse Universe completely reimagines the original color for something new.



211.5050, 7.6390, 23.2361



220.5320, 10.0907, 30.2284



223.5300, -14.0653, -15.3738



112.6140, 2.1623, 6.4775



70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 203.1910, 17.1608, 2.4635 looks on a white background.

Color Contrast Check

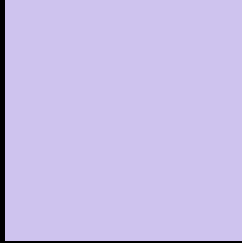
Large Text (above 18pt) WCAG AA × Fail

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 203.1910, 17.1608, 2.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

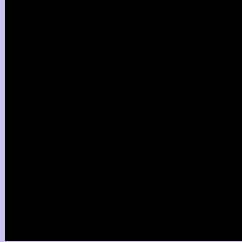
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.1910, 17.1608, 2.4635

Background



This preview shows how black text looks on a background with the YUV color 203.1910, 17.1608, 2.4635.



This preview shows how white text looks on a background with the YUV color 203.1910, 17.1608,

2.4635.

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

203.1910, 17.1608, 2.4635

Protanopia

201.6950, 19.3774, -8.5025

Deuteranopia

202.5820, 17.4611, -0.5104



Tritanopia

201.7210, 6.5465, 0.2447

Trichromacy



Original Color

203.1910, 17.1608, 2.4635

Protanomaly

202.4890, 18.4929, -4.8139

Deuteranomaly

202.8810, 17.3137, 0.1044

Tritanomaly

202.3450, 10.1829, 0.5744

Monochromacy



Original Color

203.1910, 17.1608, 2.4635

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1910, 17.1608, 2.4635 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(206, 195, 238)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 238)  
}
```

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(206, 195, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 238) }
```

Border

The CSS property to change the border of an element to YUV 203.1910, 17.1608, 2.4635 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(206, 195, 238) }
```


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

```
.border{ border-color:rgb(206, 195, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 195, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 238);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 203.1910, 17.1608, 2.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 238) }
```

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

```
.background{ background-color: rgb(206,  
195, 238) }
```

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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