

Converting Colors

YUV(203.5250, 10.5872,
10.9406)

Have a look what the booklet for
YUV(203.5250, 10.5872, 10.9406)
contains.

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Color

**YUV(203.5250, 10.5872,
10.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C1E1
RGB	216, 193, 225
RGB Percent	85%, 76%, 88%
CMY	0.1529, 0.2431, 0.1176
CMYK	0.04, 0.14, 0.00, 0.12
HSL	283°, 35%, 82%
HSV	283°, 14%, 88%
XYZ	60.9795, 58.1751, 79.2491
YIQ	203.5250, 3.4360, 14.8280

Conversions

Conversions Part 2

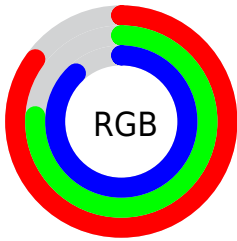
Format	Color
R _Y B	216, 193, 225
Decimal	14205409
CIE Lab	80.84, 13.84, -12.95
CIE LCh	81, 18.953, 316.918
Yxy	58.1751, 0.3074, 0.2932
Android (android.graphics.Color)	4292395489 (0xFFD8C1E1)
YUV	203.5250, 10.5872, 10.9406
Hunter-Lab	76.2726, 9.2326, -8.2129

Details

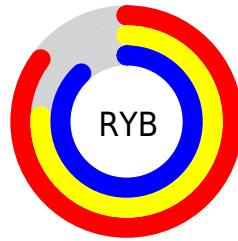
The YUV color $203.5250, 10.5872, 10.9406$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $214.4750, -10.5872, -10.9406$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4780, 1.7363, 3.0888$, and $149.1120, 10.2978, 10.4258$ is the 20% darker color. If you saturate the color by 10%, you get $188.8170, 17.8382, 18.5775$, and if you desaturate by 10%, it is $218.8200, 3.0467, 2.7889$.

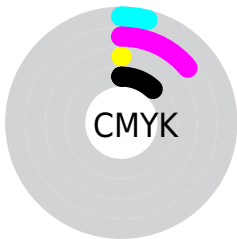
Distribution



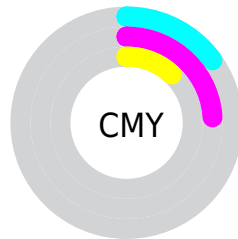
- Red (85%)
- Green (76%)
- Blue (88%)



- Red (85%)
- Yellow (76%)
- Blue (88%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)





- Cyan (15%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.5250, 10.5872, 10.9406 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 203.5250, 10.5872, 10.9406 by changing the saturation by 10% instead.


 203.5250, 10.5872,
10.9406

 203.5250, 10.5872,
10.9406


255.0000, 0.0000,
0.0000


 176.1120, 10.2978,
10.4258


 251.4780, 1.7363,
3.0888

 149.1120, 10.2978,
10.4258

 123.5850, 9.5716,
10.0110

 98.2860, 9.7190,
9.3962

 74.7590, 8.9928,
8.9814

 51.9330, 8.4140,
7.9518

 30.5200, 8.1246,

7.4370

■ 9.3570, 8.6980,
10.2109

■ 0.0000, 0.0000,
0.0000

■ 203.5250, 10.5872,
10.9406

■ 203.5250, 10.5872,
10.9406

■ 188.8170, 17.8382,
18.5775

■ 218.8200, 3.0467,
2.7889

■ 173.2230, 25.5261,
26.1144

■ 233.8270, -4.3517,
-4.2333

■ 157.9280, 33.0665,
34.2661

■ 245.6000,
-10.1558, -9.2962

■ 143.2200, 40.3175,
41.9031

■ 247.3940,
-11.0402, -5.6075

■ 128.2130, 47.7160,
48.9252

■ 249.4870,
-12.0721, -1.3041

■ 112.9180, 55.2564,
57.0769

■ 251.2810,
-12.9565, 2.3846

■ 97.6230, 62.7969,
65.2286

■ 251.5800,
-13.1039, 2.9993

■ 82.6160, 70.1953,
72.2508

■ 74.0880, 74.3996,
77.0988

Harmonies

Analogous

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



201.4950, 16.0250, -6.5731



203.5250, 10.5872, 10.9406



204.1370, 2.3975, 24.4359

Triad

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



203.5250, 10.5872, 10.9406



201.0550, -16.7891, 18.3688



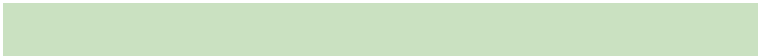
194.1420, 7.8180, -34.3275

Complementary

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



203.5250, 10.5872, 10.9406



214.4750, -10.5872, -10.9406

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.



194.4930, -1.2290, -25.8654



203.5250, 10.5872, 10.9406



199.1950, -15.8721, 4.2140

Square

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



203.5250, 10.5872, 10.9406



202.7340, -13.1799, 27.4203



197.1760, -10.4398, -11.5554



195.3900, 15.0907, -33.6680

Rectangle

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



203.5250, 10.5872, 10.9406



203.6770, -3.2918, 29.2243



197.1760, -10.4398, -11.5554



194.0560, 4.9024, -32.4981

Sweetspot

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



203.5250, 10.5872, 10.9406



248.2330, 3.3361, 3.3037



201.9310, 11.3730, -7.8325



123.2930, 2.3206, 2.3740



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.



203.5250, 10.5872, 10.9406



226.1710, 14.2127, 14.7590



205.4180, 6.2029, 17.1734



104.6460, 3.6255, 3.8185



57.7380, 58.3032, 59.8658



15.9370, 15.8071, 16.7183

Inverse Universe

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



203.5940, -0.7858, 18.7731



226.2250, -1.0969, 25.2357



212.5820, -6.2029, -17.1734



104.6310, -0.3111, 6.4626



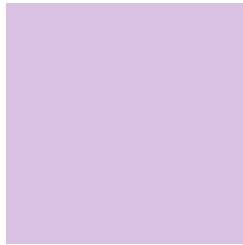
58.2100, -4.5405, 103.3018



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 203.5250, 10.5872, 10.9406 looks on a white background.

Color Contrast Check

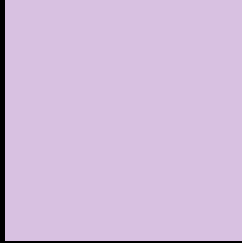
Large Text (above 18pt) WCAG AA × Fail

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 203.5250, 10.5872, 10.9406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

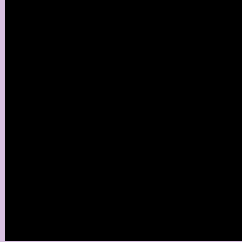
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.5250, 10.5872, 10.9406

Background



This preview shows how black text looks on a background with the YUV color 203.5250, 10.5872, 10.9406.



This preview shows how white text looks on a background with the YUV color 203.5250, 10.5872, 10.9406.

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

203.5250, 10.5872, 10.9406

Protanopia

201.5230, 13.5462, -4.8437

Deuteranopia

202.6060, 11.0402, 5.6075



Tritanopia

202.5050, 4.1880, 10.0811

Trichromacy



Original Color

203.5250, 10.5872, 10.9406

Protanomaly

202.3280, 12.6563, 0.5893

Deuteranomaly

202.9160, 10.8874, 7.9667

Tritanomaly

202.7870, 6.5140, 10.7108

Monochromacy



Original Color

203.5250, 10.5872, 10.9406

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5250, 10.5872, 10.9406 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(216, 193, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 225)  
}
```

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(216, 193, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 225) }
```

Border

The CSS property to change the border of an element to YUV 203.5250, 10.5872, 10.9406 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(216, 193, 225) }
```


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

```
.border{ border-color:rgb(216, 193, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 225);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 203.5250, 10.5872, 10.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 225) }
```

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

```
.background{ background-color: rgb(216,  
193, 225) }
```

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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