

Converting Colors

YUV(203.6130, 23.8548, 2.0934)

Have a look what the booklet for
YUV(203.6130, 23.8548, 2.0934)
contains.

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Color

**YUV(203.6130, 23.8548,
2.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC1FC
RGB	206, 193, 252
RGB Percent	81%, 76%, 99%
CMY	0.1922, 0.2431, 0.0118
CMYK	0.18, 0.23, 0.00, 0.01
HSL	253°, 91%, 87%
HSV	253°, 23%, 99%
XYZ	62.0943, 58.2900, 100.0738
YIQ	203.6130, -11.1910, 21.1050

Conversions

Conversions Part 2

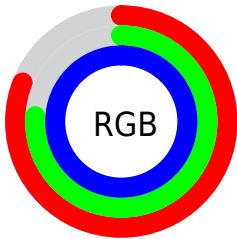
Format	Color
R _Y B	206, 193, 252
Decimal	13550076
CIE Lab	80.90, 16.18, -27.39
CIE LCh	81, 31.808, 300.576
Yxy	58.2900, 0.2817, 0.2644
Android (android.graphics.Color)	4291740156 (0xFFCEC1FC)
YUV	203.6130, 23.8548, 2.0934
Hunter-Lab	76.3479, 11.5664, -24.2715

Details

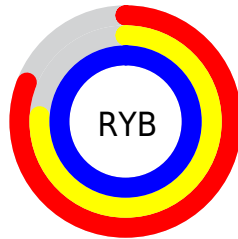
The YUV color **203.6130, 23.8548, 2.0934** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **241.3870, -23.8548, -2.0934**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4780, 1.7363, 3.0888**, and **148.9720, 22.6918, 1.7786** is the 20% darker color. If you saturate the color by 10%, you get **182.9580, 34.0377, 2.6678**, and if you desaturate by 10%, it is **224.2680, 13.6719, 1.5190**.

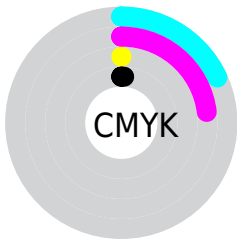
Distribution



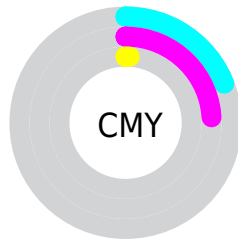
- Red (81%)
- Green (76%)
- Blue (99%)



- Red (81%)
- Yellow (76%)
- Blue (99%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6130, 23.8548, 2.0934 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 203.6130, 23.8548, 2.0934 by changing the saturation by 10% instead.

■ 203.6130, 23.8548,
2.0934

■ 203.6130, 23.8548,
2.0934

255.0000, 0.0000,
0.0000

■ 176.0860, 23.1286,
1.6786

■ 251.4780, 1.7363,
3.0888

■ 148.9720, 22.6918,
1.7786

■ 123.4450, 21.9656,
1.3637

■ 97.9180, 21.2394,
0.9489

■ 74.0920, 20.6606,
-0.0807

■ 51.1520, 19.6451,
-1.0103

■ 28.9130, 18.7769,

-2.5547

■ 7.2230, 18.6241,
-0.1956

■ 3.2090, 9.7570,
-2.8143

■ 203.6130, 23.8548,
2.0934

■ 203.6130, 23.8548,
2.0934

■ 182.9580, 34.0377,
2.6678

■ 224.2680, 13.6719,
1.5190

■ 162.6020, 44.0732,
3.8570

■ 244.6240, 3.6364,
0.3298

■ 141.3600, 54.5455,
4.9463

■ 254.6580, -1.3104,
0.2999

■ 120.7050, 64.7284,
5.5207

■ 100.3490, 74.7639,
6.7099

■ 79.6940, 84.9469,
7.2844

■ 59.0390, 95.1298,
7.8588

■ 45.4720, 101.8183,
9.2331

Harmonies

Analogous

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



197.2670, 28.4624, -29.1752



203.6130, 23.8548, 2.0934



205.8030, 12.4221, 29.1138

Triad

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



203.6130, 23.8548, 2.0934



201.5970, -25.4373, 38.9414



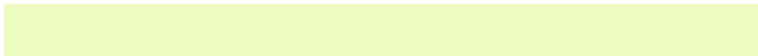
187.2550, 6.2833, -55.4746

Complementary

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



203.6130, 23.8548, 2.0934



241.3870, -23.8548, -2.0934

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.



192.0440, -10.3747, -32.4876



203.6130, 23.8548, 2.0934



199.2650, -28.7246, 19.9386

Square

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



203.6130, 23.8548, 2.0934



202.1000, -14.8393, 46.3933



195.8920, -23.1178, -5.1673



185.3040, 22.0351, -67.7956

Rectangle

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



203.6130, 23.8548, 2.0934



205.7740, 3.0694, 42.2942



195.8920, -23.1178, -5.1673



189.1050, 0.4412, -48.3271

Sweetspot

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



203.6130, 23.8548, 2.0934



240.2480, 7.2727, 0.6595



226.7280, 12.4591, -29.5795



119.1510, 4.3626, 0.7446



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.



203.6130, 23.8548, 2.0934



196.5790, 28.8016, 2.1232



212.2840, 19.5800, 19.9219



114.3790, 5.2362, 0.5446



34.1040, 76.3637, 6.9248



10.8410, 24.7284, 1.8934

Inverse Universe

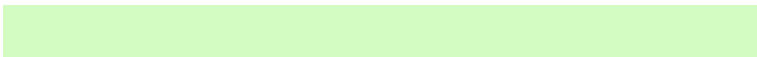
The Inverse Universe completely reimagines the original color for something new.



215.8850, 11.3957, 31.6729



211.4990, 13.5580, 38.1504



232.7160, -19.5800, -19.9219



117.0270, 2.4517, 6.9923



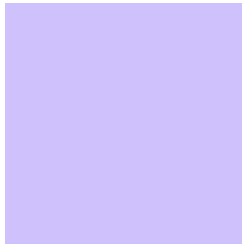
73.2690, 36.3494, 101.4961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 203.6130, 23.8548, 2.0934 looks on a white background.

Color Contrast Check

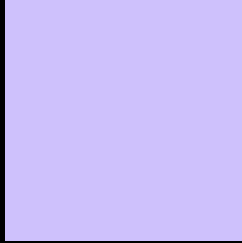
Large Text (above 18pt) WCAG AA × Fail

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 203.6130, 23.8548, 2.0934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

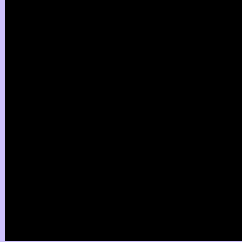
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.6130, 23.8548, 2.0934

Background



This preview shows how black text looks on a background with the YUV color 203.6130, 23.8548, 2.0934.

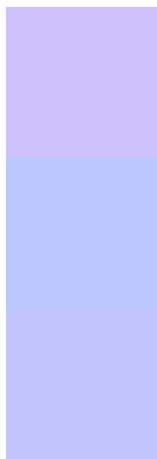


This preview shows how white text looks on a background with the YUV color 203.6130, 23.8548,

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

203.6130, 23.8548, 2.0934

Protanopia

201.7960, 26.2296, -12.9761

Deuteranopia

202.2590, 24.0293, -7.2431



Tritanopia

201.7100, 6.5520, -1.4997

Trichromacy



Original Color

203.6130, 23.8548, 2.0934

Protanomaly

202.6010, 25.3397, -7.5431

Deuteranomaly

202.8680, 23.7291, -4.2692

Tritanomaly

202.0290, 12.8037, -0.0254

Monochromacy



Original Color

203.6130, 23.8548, 2.0934

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.8890, 8.4357, 0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6130, 23.8548, 2.0934 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, 193, 252)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 252)  
}
```

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, 193, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 252) }
```

Border

The CSS property to change the border of an element to YUV 203.6130, 23.8548, 2.0934 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, 193, 252) }
```


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

```
.border{ border-color:rgb(206, 193, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 252);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 203.6130, 23.8548, 2.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 252) }
```

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

```
.background{ background-color: rgb(206,  
193, 252) }
```

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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