

Converting Colors

YUV(203.0870, 18.1981,
-3.5843)

Have a look what the booklet for
YUV(203.0870, 18.1981, -3.5843)
contains.

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Color

**YUV(203.0870, 18.1981,
-3.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6F0
RGB	199, 198, 240
RGB Percent	78%, 78%, 94%
CMY	0.2196, 0.2235, 0.0588
CMYK	0.17, 0.17, 0.00, 0.06
HSL	241°, 58%, 86%
HSV	241°, 17%, 94%
XYZ	59.4754, 58.8216, 90.6571
YIQ	203.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

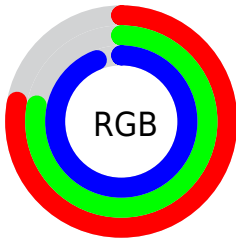
Format	Color
RYB	199, 198, 240
Decimal	13092592
CIELab	81.19, 8.73, -20.58
CIELCh	81, 22.352, 292.982
Yxy	58.8216, 0.2846, 0.2815
Android (android.graphics.Color)	4291282672 (0xFFC7C6F0)
YUV	203.0870, 18.1981, -3.5843
Hunter-Lab	76.6952, 4.2062, -16.3967

Details

The YUV color **203.0870, 18.1981, -3.5843** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **234.9130, -18.1981, 3.5843**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **148.8590, 17.3245, -3.3843** is the 20% darker color. If you saturate the color by 10%, you get **182.1220, 28.5339, -5.3690**, and if you desaturate by 10%, it is **224.0520, 7.8624, -1.7996**.

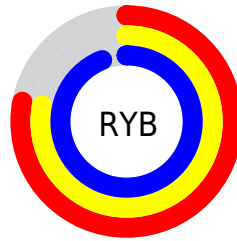
Distribution



Red (78%)

Green (78%)

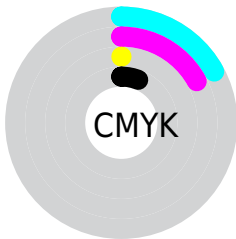
Blue (94%)



Red (78%)

Yellow (78%)

Blue (94%)

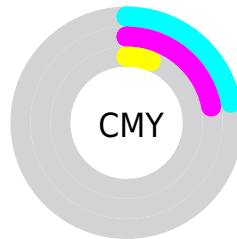


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0870, 18.1981, -3.5843 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 203.0870, 18.1981, -3.5843 by changing the saturation by 10% instead.

■ 203.0870, 18.1981,
-3.5843

■ 203.0870, 18.1981,
-3.5843

255.0000, 0.0000,
0.0000

■ 175.6740, 17.9087,
-4.0991

■ 148.8590, 17.3245,
-3.3843

■ 123.3320, 16.5983,
-3.7992

■ 97.9190, 16.3089,
-4.3140

■ 73.8050, 15.8721,
-4.2140

■ 51.1640, 14.7091,
-4.5288

■ 29.3380, 14.1304,

-5.5584

■ 4.5170, 16.0141,
-3.0844

■ 2.0690, 5.3890,
-1.8145

■ 203.0870, 18.1981,
-3.5843

■ 203.0870, 18.1981,
-3.5843

■ 182.1220, 28.5339,
-5.3690

■ 224.0520, 7.8624,
-1.7996

■ 160.8580, 39.0170,
-7.7685

■ 245.3160, -2.6208,
0.5999

■ 139.8930, 49.3528,
-9.5532

■ 253.2900, -6.5520,
1.4997

■ 118.6290, 59.8359,
-11.9526

■ 97.6640, 70.1716,
-13.7373

■ 76.4000, 80.6548,
-16.1368

■ 55.4350, 90.9905,
-17.9215

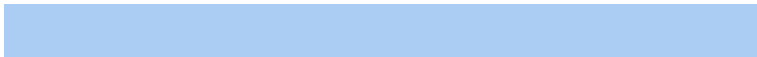
■ 34.4700, 101.3263,
-19.7062

■ 29.1540, 103.9471,
-20.3061

Harmonies

Analogous

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



199.1660, 21.6102, -24.7016



203.0870, 18.1981, -3.5843



204.9710, 10.8603, 16.6884

Triad

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



203.0870, 18.1981, -3.5843



203.4310, -16.9745, 31.1940



194.0190, 0.9766, -33.3427

Complementary

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



203.0870, 18.1981, -3.5843



234.9130, -18.1981, 3.5843

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.



196.8440, -10.2761, -17.4032



203.0870, 18.1981, -3.5843



201.7300, -20.5729, 18.6538

Square

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



203.0870, 18.1981, -3.5843



204.8150, -9.2758, 35.2422



199.0160, -17.7559, 1.7400



193.1240, 11.7709, -42.2047

Rectangle

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



203.0870, 18.1981, -3.5843



205.3160, 4.2812, 26.9099



199.0160, -17.7559, 1.7400



195.0150, -2.9654, -28.9542

Sweetspot

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



203.0870, 18.1981, -3.5843



243.7810, 5.5310, -0.6849



226.8550, 6.4805, -25.3058



120.9120, 3.4944, -0.7998



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.



203.0870, 18.1981, -3.5843



207.7540, 23.2923, -4.1693



209.3660, 15.1026, 9.3260



109.3680, 5.2416, -1.1997



22.1720, 79.7812, -15.9368



6.6830, 24.3133, -4.9840

Inverse Universe

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



215.2320, 11.7176, 21.7215



223.1880, 15.1903, 27.8991



228.6340, -15.1026, -9.3260



112.9560, 3.4727, 6.1776



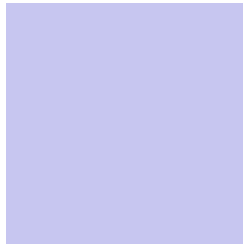
75.4220, 51.0640, 95.2229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 203.0870, 18.1981, -3.5843 looks on a white background.

Color Contrast Check

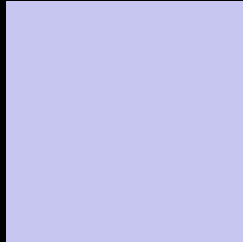
Large Text (above 18pt) WCAG AA × Fail

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 203.0870, 18.1981, -3.5843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

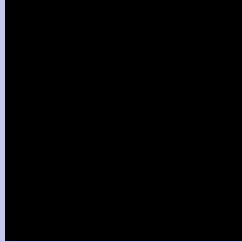
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.0870, 18.1981, -3.5843

Background



This preview shows how black text looks on a background with the YUV color 203.0870, 18.1981, -3.5843.



This preview shows how white text looks on a background with the YUV color 203.0870, 18.1981, -3.5843.

-3.5843.

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

203.0870, 18.1981, -3.5843

Protanopia

202.5810, 18.9406, -8.4025

Deuteranopia

203.3970, 18.0453, -1.2252



Tritanopia

201.7310, 8.0206, -5.9031

Trichromacy



Original Color

203.0870, 18.1981, -3.5843

Protanomaly

202.5920, 18.9351, -6.6582

Deuteranomaly

203.0980, 18.1927, -1.8399

Tritanomaly

202.3550, 11.6570, -5.5733

Monochromacy



Original Color

203.0870, 18.1981, -3.5843

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0870, 18.1981, -3.5843 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(199, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 240)  
}
```

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(199, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 240) }
```

Border

The CSS property to change the border of an element to YUV 203.0870, 18.1981, -3.5843 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(199, 198, 240) }
```


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

```
.border{ border-color:rgb(199, 198, 240) }
```

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

Here you see how a box with a 4 pixel rgb(199, 198, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 240);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 203.0870, 18.1981, -3.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 240) }
```

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

```
.background{ background-color: rgb(199,  
198, 240) }
```

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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