

Converting Colors

YUV(203.3880, 11.6407,
-0.3403)

Have a look what the booklet for
YUV(203.3880, 11.6407, -0.3403)
contains.

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Color

**YUV(203.3880, 11.6407,
-0.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC7E3
RGB	203, 199, 227
RGB Percent	80%, 78%, 89%
CMY	0.2039, 0.2196, 0.1098
CMYK	0.11, 0.12, 0.00, 0.11
HSL	249°, 33%, 84%
HSV	249°, 12%, 89%
XYZ	58.9172, 59.0894, 80.9732
YIQ	203.3880, -6.6040, 9.5560

Conversions

Conversions Part 2

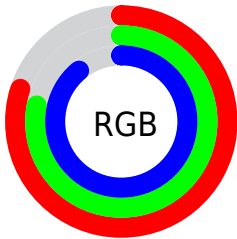
Format	Color
R _Y B	203, 199, 227
Decimal	13354979
CIE Lab	81.34, 6.75, -13.37
CIE LCh	81, 14.978, 296.786
Yxy	59.0894, 0.2961, 0.2970
Android (android.graphics.Color)	4291545059 (0xFFCBC7E3)
YUV	203.3880, 11.6407, -0.3403
Hunter-Lab	76.8696, 2.2904, -8.6463

Details

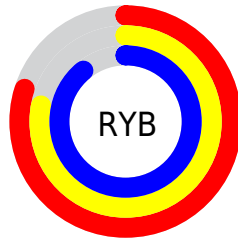
The YUV color $203.3880, 11.6407, -0.3403$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.6120, -11.6407, 0.3403$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $149.2740, 11.2039, -0.2403$ is the 20% darker color. If you saturate the color by 10%, you get $184.2060, 21.0974, -0.1807$, and if you desaturate by 10%, it is $222.5700, 2.1840, -0.4999$.

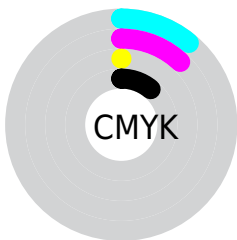
Distribution



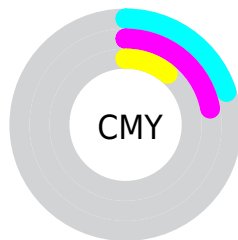
- Red (80%)
- Green (78%)
- Blue (89%)



- Red (80%)
- Yellow (78%)
- Blue (89%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3880, 11.6407, -0.3403 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 203.3880, 11.6407, -0.3403 by changing the saturation by 10% instead.

■ 203.3880, 11.6407,
-0.3403

■ 203.3880, 11.6407,
-0.3403

255.0000, 0.0000,
0.0000

■ 176.2740, 11.2039,
-0.2403

■ 149.2740, 11.2039,
-0.2403

■ 123.7470, 10.4777,
-0.6551

■ 98.6330, 10.0409,
-0.5551

■ 74.6330, 10.0409,
-0.5551

■ 52.1060, 9.3147,
-0.9700

■ 30.5790, 8.5886,

-1.3848

■ 5.8720, 10.9091,
0.9893

■ 0.0000, 0.0000,
0.0000

■ 203.3880, 11.6407,
-0.3403

■ 203.3880, 11.6407,
-0.3403

■ 184.2060, 21.0974,
-0.1807

■ 222.5700, 2.1840,
-0.4999

■ 165.3120, 30.4122,
-1.1506

■ 241.4640, -7.1308,
0.4701

■ 146.1300, 39.8689,
-0.9910

■ 251.8080,
-12.2303, 2.7994

■ 126.6490, 49.4730,
-1.4462

■ 108.0540, 58.6404,
-1.8014

■ 88.5730, 68.2445,
-2.2565

■ 69.3910, 77.7012,
-2.0969

■ 49.9100, 87.3054,
-2.5521

■ 35.4460, 94.4361,
-3.0221

Harmonies

Analogous

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



201.2830, 14.1575, -14.2802



203.3880, 11.6407, -0.3403



204.7980, 6.5086, 12.4552

Triad

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



203.3880, 11.6407, -0.3403



203.3310, -11.9952, 20.7577



197.1990, 1.3809, -22.9765

Complementary

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



203.3880, 11.6407, -0.3403



222.6120, -11.6407, 0.3403

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.



198.9030, -6.3612, -13.0699



203.3880, 11.6407, -0.3403



202.1080, -13.8572, 11.3063

Square

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



203.3880, 11.6407, -0.3403



204.3190, -7.0593, 24.2762



200.3130, -11.4933, -0.2745



197.3000, 8.2331, -27.4501

Rectangle

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



203.3880, 11.6407, -0.3403



204.9900, 1.9769, 19.3028



200.3130, -11.4933, -0.2745



197.8250, -1.3927, -20.0175

Sweetspot

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



203.3880, 11.6407, -0.3403



246.4390, 4.2206, -0.3850



216.2800, 5.2850, -15.1546



122.0970, 2.9102, -0.0851



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.



203.3880, 11.6407, -0.3403



222.8270, 15.8613, -0.7253



207.5740, 9.5770, 8.2666



104.9660, 4.9468, 0.0298



27.8810, 74.5017, -2.5266



7.9070, 21.2448, -0.7954

Inverse Universe

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



210.1080, 6.3558, 14.8143



232.1240, 8.8129, 20.0623



218.4260, -9.5770, -8.2666



107.7280, 2.5991, 6.3775



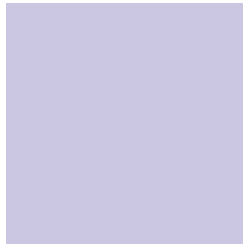
70.9630, 40.4442, 94.7484



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 203.3880, 11.6407, -0.3403 looks on a white background.

Color Contrast Check

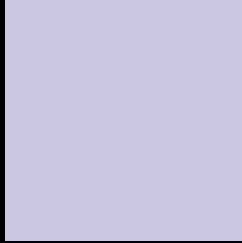
Large Text (above 18pt) WCAG AA × Fail

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 203.3880, 11.6407, -0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

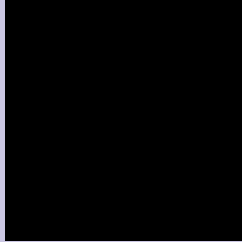
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.3880, 11.6407, -0.3403

Background



This preview shows how black text looks on a background with the YUV color 203.3880, 11.6407, -0.3403.



This preview shows how white text looks on a background with the YUV color 203.3880, 11.6407, -0.3403.

-0.3403.

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

203.3880, 11.6407, -0.3403

Protanopia

203.1810, 12.2358, -4.5437

Deuteranopia

204.3070, 11.1876, 4.9928



Tritanopia

202.8240, 6.9888, -1.5996

Trichromacy



Original Color

203.3880, 11.6407, -0.3403

Protanomaly

203.1920, 12.2303, -2.7994

Deuteranomaly

203.9970, 11.3405, 2.6336

Tritanomaly

202.9920, 8.8779, -0.8700

Monochromacy



Original Color

203.3880, 11.6407, -0.3403

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.4390, 4.2206, -0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3880, 11.6407, -0.3403 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(203, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 227)  
}
```

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(203, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 227) }
```

Border

The CSS property to change the border of an element to YUV 203.3880, 11.6407, -0.3403 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(203, 199, 227) }
```


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

```
.border{ border-color:rgb(203, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 203.3880, 11.6407, -0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 227) }
```

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

```
.background{ background-color: rgb(203,  
199, 227) }
```

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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