

Converting Colors

YUV(199.0080, -8.8779, 0.8700)

Have a look what the booklet for
YUV(199.0080, -8.8779, 0.8700)
contains.

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Color

**YUV(199.0080, -8.8779,
0.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CAB5
RGB	200, 202, 181
RGB Percent	78%, 79%, 71%
CMY	0.2157, 0.2078, 0.2902
CMYK	0.01, 0.00, 0.10, 0.21
HSL	66°, 17%, 75%
HSV	66°, 10%, 79%
XYZ	53.2804, 57.8566, 52.0753
YIQ	199.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

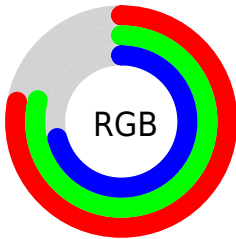
Format	Color
RYB	181, 202, 183
Decimal	13159093
CIELab	80.66, -4.37, 10.25
CIELCh	81, 11.138, 113.075
Yxy	57.8566, 0.3264, 0.3545
Android (android.graphics.Color)	4291349173 (0xFFC8CAB5)
YUV	199.0080, -8.8779, 0.8700
Hunter-Lab	76.0635, -8.0768, 12.6528

Details

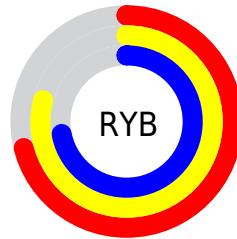
The YUV color $199.0080, -8.8779, 0.8700$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $183.9920, 8.8779, -0.8700$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, -7.8624, 1.7996$, and $145.1220, -8.4411, 0.7700$ is the 20% darker color. If you saturate the color by 10%, you get $196.1300, -17.3191, 1.6400$, and if you desaturate by 10%, it is $201.8860, -0.4368, 0.1000$.

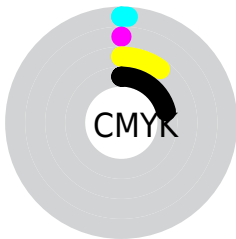
Distribution



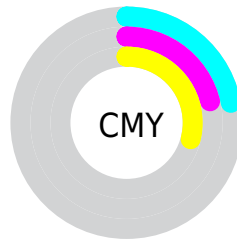
- Red (78%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0080, -8.8779, 0.8700 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 199.0080, -8.8779, 0.8700 by changing the saturation by 10% instead.

■ 199.0080, -8.8779,
0.8700

■ 199.0080, -8.8779,
0.8700

255.0000, 0.0000,
0.0000

■ 172.0080, -8.8779,
0.8700

■ 252.9480, -7.8624,
1.7996

■ 145.1220, -8.4411,
0.7700

■ 119.2360, -8.0043,
0.6700

■ 94.3500, -7.5675,
0.5701

■ 71.3500, -7.5675,
0.5701

■ 48.5780, -6.6940,
0.3701

■ 27.4640, -7.1308,

0.4701

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 199.0080, -8.8779,
0.8700

■ 199.0080, -8.8779,
0.8700

■ 196.1300,
-17.3191, 1.6400

■ 201.8860, -0.4368,
0.1000

■ 193.2520,
-25.7602, 2.4100

■ 204.7640, 8.0043,
-0.6700

■ 190.2600,
-34.6382, 3.2800

■ 207.7560, 16.8823,
-1.5400

■ 187.3820,
-43.0793, 4.0500

■ 209.8360, 22.2659,
-1.6102

■ 184.5040,
-51.5205, 4.8200

■ 210.4340, 21.9710,
-0.3806

■ 181.6260,
-59.9616, 5.5900

■ 211.0320, 21.6762,
0.8489

■ 179.0470,
-68.5502, 6.9748

■ 211.3310, 21.5288,
1.4637

■ 176.0550,
-77.4281, 7.8448

■ 211.9290, 21.2340,
2.6933

■ 173.2910,
-85.4325, 8.5148

■ 212.5270, 20.9392,
3.9228

Harmonies

Analogous

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



200.4220, -10.0680, 9.2769



199.0080, -8.8779, 0.8700



197.8650, -5.3564, -8.6516

Triad

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



199.0080, -8.8779, 0.8700



197.8820, 8.9322, -18.3135



202.2130, 0.3880, 15.5992

Complementary

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



199.0080, -8.8779, 0.8700



183.9920, 8.8779, -0.8700

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.



202.1350, 5.3564, 8.6516



199.0080, -8.8779, 0.8700



199.6810, 10.5103, -11.1212

Square

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



199.0080, -8.8779, 0.8700



196.6600, 5.5906, -19.8728



200.6930, 9.0254, -1.4848



201.8560, -4.8590, 18.5433

Rectangle

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



199.0080, -8.8779, 0.8700



197.1570, -1.5564, -14.1697



200.6930, 9.0254, -1.4848



202.5440, 1.7038, 13.5549

Sweetspot

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



199.0080, -8.8779, 0.8700



253.7890, -3.3470, 0.1850



188.4530, -3.6743, 11.8807



127.0170, -2.4734, -0.0149



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.



199.0080, -8.8779, 0.8700



250.5690, -13.0985, 1.2550



196.0180, -7.4039, -5.2778



100.5610, -4.2206, 0.3850



142.2920, -70.1500, 6.7599



32.7710, -16.1561, 1.9548

Inverse Universe

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



183.9920, 8.8779, -0.8700



228.4310, 13.0985, -1.2550



186.9820, 7.4039, 5.2778



93.4390, 4.2206, -0.3850



23.7080, 70.1500, -6.7599



5.5280, 16.0087, -1.3401

Previews

White Background



This preview shows how the YUV color 199.0080, -8.8779, 0.8700 looks on a white background.

Color Contrast Check

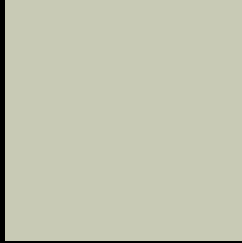
Large Text (above 18pt) WCAG AA × Fail

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 199.0080, -8.8779, 0.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

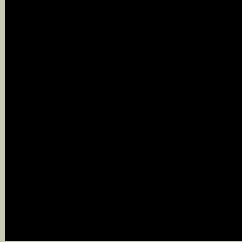
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

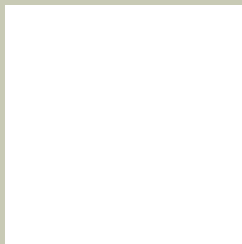
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.0080, -8.8779, 0.8700

Background



This preview shows how black text looks on a background with the YUV color 199.0080, -8.8779, 0.8700.



This preview shows how white text looks on a background with the YUV color 199.0080, -8.8779,

0.8700.

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

199.0080, -8.8779, 0.8700

Protanopia

199.5250, -9.6258, 7.4326

Deuteranopia

201.7270, -9.2324, 21.2874



Tritanopia

201.2160, 5.8095, 3.3186

Trichromacy



Original Color

199.0080, -8.8779, 0.8700

Protanomaly

199.2150, -9.4730, 5.0734

Deuteranomaly

200.6830, -9.2107, 14.3100

Tritanomaly

200.4240, 0.2840, 2.2592

Monochromacy



Original Color

199.0080, -8.8779, 0.8700

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.7890, -3.3470, 0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0080, -8.8779, 0.8700 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(200, 202, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 181)  
}
```

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(200, 202, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 181) }
```

Border

The CSS property to change the border of an element to YUV 199.0080, -8.8779, 0.8700 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(200, 202, 181) }
```


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

```
.border{ border-color:rgb(200, 202, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 199.0080, -8.8779, 0.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 181) }
```

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

```
.background{ background-color: rgb(200,  
202, 181) }
```

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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