

Converting Colors

YUV(199.1950, 0.8899, -5.4330)

Have a look what the booklet for
YUV(199.1950, 0.8899, -5.4330)
contains.

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Color

**YUV(199.1950, 0.8899,
-5.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CAC9
RGB	193, 202, 201
RGB Percent	76%, 79%, 79%
CMY	0.2431, 0.2078, 0.2118
CMYK	0.04, 0.00, 0.00, 0.21
HSL	173°, 8%, 77%
HSV	173°, 4%, 79%
XYZ	53.6555, 57.7956, 63.5861
YIQ	199.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

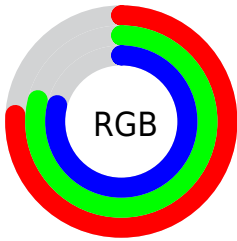
Format	Color
RYB	193, 198, 202
Decimal	12700361
CIELab	80.62, -3.25, -0.58
CIELCh	81, 3.305, 190.061
Yxy	57.7956, 0.3065, 0.3302
Android (android.graphics.Color)	4290890441 (0xFFC1CAC9)
YUV	199.1950, 0.8899, -5.4330
Hunter-Lab	76.0234, -7.0600, 3.6261

Details

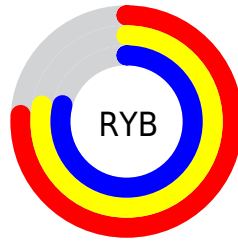
The YUV color $199.1950, 0.8899, -5.4330$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $195.8050, -0.8899, 5.4330$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, 0.8844, -3.6887$, and $145.1950, 0.8899, -5.4330$ is the 20% darker color. If you saturate the color by 10%, you get $192.9870, 2.9644, -17.5286$, and if you desaturate by 10%, it is $205.4030, -1.1847, 6.6626$.

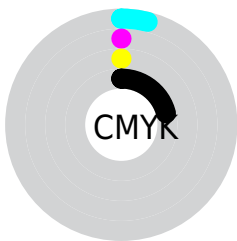
Distribution



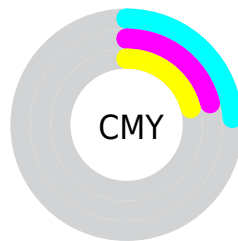
- Red (76%)
- Green (79%)
- Blue (79%)



- Red (76%)
- Yellow (78%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1950, 0.8899, -5.4330 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 199.1950, 0.8899, -5.4330 by changing the saturation by 10% instead.

■ 199.1950, 0.8899,
-5.4330

■ 199.1950, 0.8899,
-5.4330

255.0000, 0.0000,
0.0000

■ 172.1950, 0.8899,
-5.4330

■ 253.2060, 0.8844,
-3.6887

■ 145.1950, 0.8899,
-5.4330

■ 119.4940, 0.7425,
-4.8182

■ 94.6080, 1.1793,
-4.9182

■ 71.4940, 0.7425,
-4.8182

■ 48.7930, 0.5951,
-4.2035

■ 27.7930, 0.5951,

-4.2035

■ 2.8040, 0.5896,
-2.4591

■ 0.0000, 0.0000,
0.0000

■ 199.1950, 0.8899,
-5.4330

■ 199.1950, 0.8899,
-5.4330

■ 192.9870, 2.9644,
-17.5286

■ 205.4030, -1.1847,
6.6626

■ 186.7790, 5.0390,
-29.6242

■ 211.6110, -3.2592,
18.7582

■ 180.1580, 6.8241,
-42.2346

■ 218.2320, -5.0444,
31.3685

■ 173.9500, 8.8986,
-54.3302

■ 218.7590, -4.3182,
31.7834

■ 167.7420, 10.9732,
-66.4257

■ 218.9870, -3.4446,
31.5834

■ 161.5340, 13.0477,
-78.5213

■ 219.2150, -2.5710,
31.3834

■ 155.2120, 14.6855,
-90.5169

■ 219.5570, -1.2606,
31.0835

■ 148.7050, 16.9074,
-103.2273

■ 219.7850, -0.3870,
30.8836

■ 142.4970, 18.9820,
-115.3229

■ 220.0130, 0.4866,
30.6836

Harmonies

Analogous

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



199.4510, -0.7153, -3.9035



199.1950, 0.8899, -5.4330



199.5370, 2.2003, -5.7329

Triad

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



199.1950, 0.8899, -5.4330



200.5810, 2.1786, 1.2445



200.2240, -3.0684, 4.1886

Complementary

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



199.1950, 0.8899, -5.4330



195.8050, -0.8899, 5.4330

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.



200.4630, -2.2003, 5.7329



199.1950, 0.8899, -5.4330



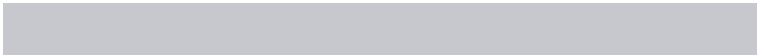
200.5490, 0.7153, 3.9035

Square

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



199.1950, 0.8899, -5.4330



200.0860, 2.9156, -1.8294



200.8050, -0.8899, 5.4330



199.9140, -2.9156, 1.8294

Rectangle

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



199.1950, 0.8899, -5.4330



199.3630, 2.7790, -4.7034



200.8050, -0.8899, 5.4330



200.6370, -2.7790, 4.7034

Sweetspot

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



199.1950, 0.8899, -5.4330



254.1030, 0.4422, -1.8443



198.5820, -2.7519, -4.0184



127.2880, -0.1420, -1.1296



0.0000, 0.0000, 0.0000



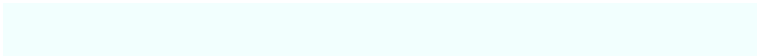
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.1950, 0.8899, -5.4330



250.9990, 1.4795, -7.8921



197.5480, 2.1948, -3.9886



100.0920, 0.4476, -3.5887



114.2000, 16.1704, -100.1534



26.1820, 3.8543, -22.9616

Inverse Universe

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



195.8050, -0.8899, 5.4330



246.1150, -1.0427, 7.7921



197.4520, -2.1948, 3.9886



97.9080, -0.4476, 3.5887



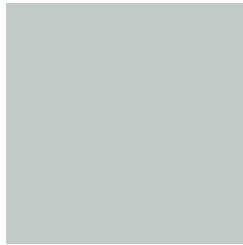
51.6860, -16.6072, 100.2534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 199.1950, 0.8899, -5.4330 looks on a white background.

Color Contrast Check

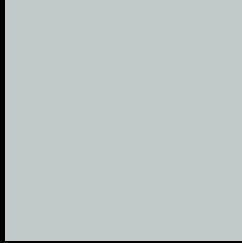
Large Text (above 18pt) WCAG AA × Fail

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 199.1950, 0.8899, -5.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

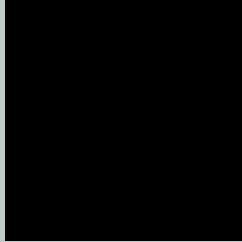
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

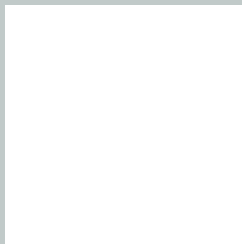
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.1950, 0.8899, -5.4330

Background



This preview shows how black text looks on a background with the YUV color 199.1950, 0.8899, -5.4330.



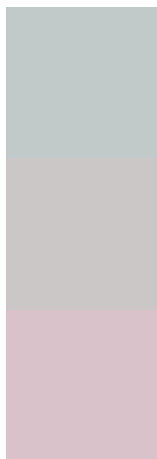
This preview shows how white text looks on a background with the YUV color 199.1950, 0.8899,

-5.4330.

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

199.1950, 0.8899, -5.4330

Protanopia

200.1960, -0.5896, 2.4591

Deuteranopia

202.2020, 0.3934, 13.8548



Tritanopia

200.3290, 7.7258, -4.6735

Trichromacy



Original Color

199.1950, 0.8899, -5.4330

Protanomaly

199.7010, 0.1474, -0.6148

Deuteranomaly

201.1580, 0.4151, 6.8774

Tritanomaly

200.0470, 5.3998, -5.3032

Monochromacy



Original Color

199.1950, 0.8899, -5.4330

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1950, 0.8899, -5.4330 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(193, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 201)  
}
```

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(193, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 201) }
```

Border

The CSS property to change the border of an element to YUV 199.1950, 0.8899, -5.4330 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(193, 202, 201) }
```


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

```
.border{ border-color:rgb(193, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 199.1950, 0.8899, -5.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 201) }
```

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

```
.background{ background-color: rgb(193,  
202, 201) }
```

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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