

Converting Colors

YUV(202.4890, -1.7201, -8.3219)

Have a look what the booklet for
YUV(202.4890, -1.7201, -8.3219)
contains.

YUV(202.4890, -1.7201, -8.3219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(202.4890, -1.7201,
-8.3219)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D0C7
RGB	193, 208, 199
RGB Percent	76%, 82%, 78%
CMY	0.2431, 0.1843, 0.2196
CMYK	0.07, 0.00, 0.04, 0.18
HSL	144°, 14%, 79%
HSV	144°, 7%, 82%
XYZ	54.8570, 60.5727, 62.8333
YIQ	202.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

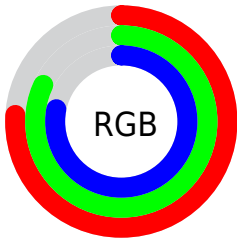
Format	Color
R_{YB}	193, 204, 208
Decimal	12701895
CIE _{Lab}	82.15, -6.76, 2.71
CIE _{LCh}	82, 7.283, 158.139
Yxy	60.5727, 0.3077, 0.3398
Android (android.graphics.Color)	4290891975 (0xFFC1D0C7)
YUV	202.4890, -1.7201, -8.3219
Hunter-Lab	77.8285, -10.3851, 6.6133

Details

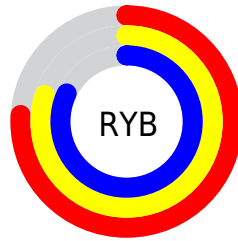
The YUV color $202.4890, -1.7201, -8.3219$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.5110, 1.7201, 8.3219$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, 0.8844, -3.6887$, and $148.4890, -1.7201, -8.3219$ is the 20% darker color. If you saturate the color by 10%, you get $194.8420, -3.8661, -20.0324$, and if you desaturate by 10%, it is $210.1360, 0.4260, 3.3887$.

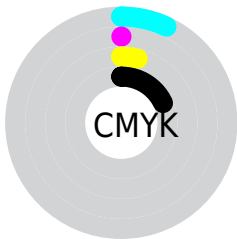
Distribution



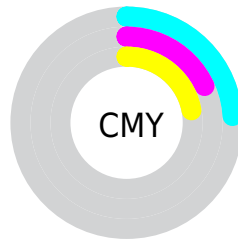
- Red (76%)
- Green (82%)
- Blue (78%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.4890, -1.7201, -8.3219 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 202.4890, -1.7201, -8.3219 by changing the saturation by 10% instead.

■ 202.4890, -1.7201,
-8.3219

■ 202.4890, -1.7201,
-8.3219

255.0000, 0.0000,
0.0000

■ 174.9020, -1.4307,
-7.8071

■ 253.2060, 0.8844,
-3.6887

■ 148.4890, -1.7201,
-8.3219

■ 122.9020, -1.4307,
-7.8071

■ 97.9020, -1.4307,
-7.8071

■ 74.2010, -1.5781,
-7.1923

■ 51.6140, -1.2887,
-6.6775

■ 30.0270, -0.9993,

-6.1627

■ 7.7450, -3.3253,
-6.7924

■ 0.0000, 0.0000,
0.0000

■ 202.4890, -1.7201,
-8.3219

■ 202.4890, -1.7201,
-8.3219

■ 194.8420, -3.8661,
-20.0324

■ 210.1360, 0.4260,
3.3887

■ 187.0810, -6.4489,
-31.6430

■ 217.8970, 3.0088,
14.9993

■ 179.7330, -8.7424,
-42.7388

■ 225.2450, 5.3022,
26.0951

■ 171.9720,
-11.3252, -54.3494

■ 226.7270, 10.9806,
24.7954

■ 164.3250,
-13.4712, -66.0600

■ 227.4110, 13.6014,
24.1956

■ 156.5640,
-16.0541, -77.6706

■ 148.9170,
-18.2001, -89.3812

■ 141.4550,
-20.9303, -100.3770

■ 133.8080,
-23.0763, -112.0876

Harmonies

Analogous

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



203.3110, -5.0833, -2.9037



202.4890, -1.7201, -8.3219



202.6780, 1.6377, -11.9956

Triad

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



202.4890, -1.7201, -8.3219



204.4000, 6.7048, -3.8588



205.2250, -4.5479, 12.0807

Complementary

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



202.4890, -1.7201, -8.3219



198.5110, 1.7201, 8.3219

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.



206.0230, -1.4903, 11.3808



202.4890, -1.7201, -8.3219



205.2760, 4.7939, 2.3889

Square

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



202.4890, -1.7201, -8.3219



203.0680, 6.8685, -9.7066



205.6250, 2.1569, 8.2219



204.7470, -6.2843, 8.9919

Rectangle

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



202.4890, -1.7201, -8.3219



202.2480, 3.8217, -12.4955



205.6250, 2.1569, 8.2219



205.4530, -3.6743, 11.8807

Sweetspot

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



202.4890, -1.7201, -8.3219



253.1630, -0.5734, -2.7740



204.4960, -5.6675, -2.1890



126.8750, -0.4314, -1.6444



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.



202.4890, -1.7201, -8.3219



246.5270, -2.7248, -12.7402



203.4010, 1.7743, -9.1217



100.9130, -1.4361, -6.0627



106.2540, -19.3522, -93.1848



25.8910, -4.8763, -22.7064

Inverse Universe

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



198.5110, 1.7201, 8.3219



240.4730, 2.7248, 12.7402



197.7130, -1.3375, 9.0217



97.9730, 0.9993, 6.1627



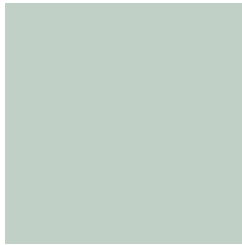
61.7460, 19.3522, 93.1848



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 202.4890, -1.7201, -8.3219 looks on a white background.

Color Contrast Check

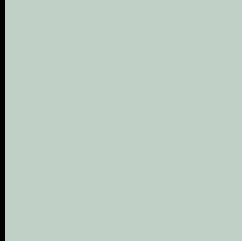
Large Text (above 18pt) WCAG AA × Fail

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 202.4890, -1.7201, -8.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

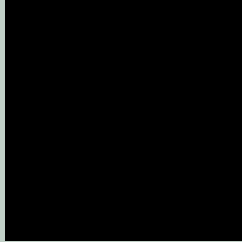
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

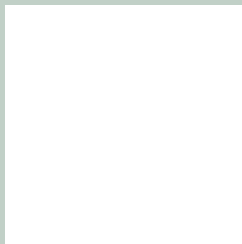
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.4890, -1.7201, -8.3219

Background



This preview shows how black text looks on a background with the YUV color 202.4890, -1.7201, -8.3219.



This preview shows how white text looks on a background with the YUV color 202.4890, -1.7201, -8.3219.

-8.3219.

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

202.4890, -1.7201, -8.3219

Protanopia

203.9960, -3.9420, 4.3885

Deuteranopia

205.8280, -2.3802, 16.8138



Tritanopia

204.4320, 8.1680, -6.5179

Trichromacy



Original Color

202.4890, -1.7201, -8.3219

Protanomaly

203.4900, -3.1996, -0.4297

Deuteranomaly

204.4740, -2.2057, 7.4773

Tritanomaly

203.8080, 4.5317, -6.8476

Monochromacy



Original Color

202.4890, -1.7201, -8.3219

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.1630, -0.5734, -2.7740

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4890, -1.7201, -8.3219 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, 208, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 199)  
}
```

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, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 199) }
```

Border

The CSS property to change the border of an element to YUV 202.4890, -1.7201, -8.3219 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, 208, 199) }
```


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

```
.border{ border-color:rgb(193, 208, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 208, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 202.4890, -1.7201, -8.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 199) }
```

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

```
.background{ background-color: rgb(193,  
208, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor