

Converting Colors

YUV(201.6800, -1.3212, 3.7886)

Have a look what the booklet for
YUV(201.6800, -1.3212, 3.7886)
contains.

YUV(201.6800, -1.3212, 3.7886)	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(201.6800, -1.3212,
3.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8C7
RGB	206, 200, 199
RGB Percent	81%, 78%, 78%
CMY	0.1922, 0.2157, 0.2196
CMYK	0.00, 0.03, 0.03, 0.19
HSL	9°, 7%, 79%
HSV	9°, 3%, 81%
XYZ	56.4167, 58.5539, 62.3614
YIQ	201.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

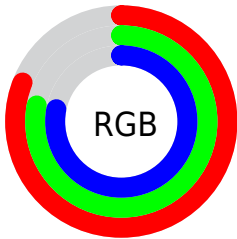
Format	Color
R _Y B	206, 200, 199
Decimal	13551815
CIE Lab	81.05, 1.90, 1.23
CIE LCh	81, 2.265, 32.843
Yxy	58.5539, 0.3181, 0.3302
Android (android.graphics.Color)	4291741895 (0xFFCEC8C7)
YUV	201.6800, -1.3212, 3.7886
Hunter-Lab	76.5205, -2.3073, 5.2452

Details

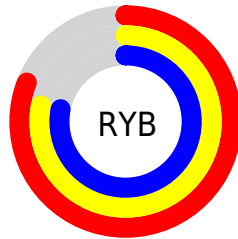
The YUV color $201.6800, -1.3212, 3.7886$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $203.3200, 1.3212, -3.7886$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $147.6800, -1.3212, 3.7886$ is the 20% darker color. If you saturate the color by 10%, you get $188.7200, -5.2850, 15.1546$, and if you desaturate by 10%, it is $214.6400, 2.6425, -7.5773$.

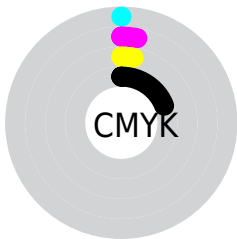
Distribution



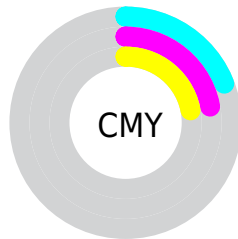
- Red (81%)
- Green (78%)
- Blue (78%)



- Red (81%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6800, -1.3212, 3.7886 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 201.6800, -1.3212, 3.7886 by changing the saturation by 10% instead.

■ 201.6800, -1.3212,
3.7886

■ 201.6800, -1.3212,
3.7886

255.0000, 0.0000,
0.0000

■ 174.6800, -1.3212,
3.7886

■ 147.6800, -1.3212,
3.7886

■ 121.7940, -0.8844,
3.6887

■ 97.3810, -1.1738,
3.1739

■ 73.3810, -1.1738,
3.1739

■ 51.0820, -1.0264,
2.5591

■ 30.0820, -1.0264,

2.5591

■ 4.2780, -1.6161,
5.0182

■ 0.0000, 0.0000,
0.0000

■ 201.6800, -1.3212,
3.7886

■ 201.6800, -1.3212,
3.7886

■ 188.7200, -5.2850,
15.1546

■ 214.6400, 2.6425,
-7.5773

■ 176.4610, -9.1013,
25.9057

■ 226.8990, 6.4588,
-18.3284

■ 163.5010,
-13.0650, 37.2716

■ 239.1750, 7.8017,
-29.0945

■ 150.6550,
-16.5919, 48.5376

■ 240.3490, 7.2229,
-30.1241

■ 138.2820,
-20.8450, 59.3887

■ 125.3220,
-24.8087, 70.7546

■ 112.4760,
-28.3357, 82.0205

■ 100.1030,
-32.5888, 92.8717

■ 87.2570, -36.1157,
104.1376

Harmonies

Analogous

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



201.9080, -0.4476, 3.5887



201.6800, -1.3212, 3.7886



201.2670, -1.6106, 3.2738

Triad

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



201.6800, -1.3212, 3.7886



200.4620, -0.7208, -2.1592



200.8580, 2.0420, -1.6295

Complementary

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



201.6800, -1.3212, 3.7886



203.3200, 1.3212, -3.7886

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.



200.8470, 2.0474, -3.3738



201.6800, -1.3212, 3.7886



200.9780, 0.0108, -3.4887

Square

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



201.6800, -1.3212, 3.7886



200.9460, -1.4524, -0.8296



200.3200, 1.3212, -3.7886



201.7550, 1.5998, 0.2149

Rectangle

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



201.6800, -1.3212, 3.7886



201.4410, -2.1894, 2.2442



200.3200, 1.3212, -3.7886



201.4450, 1.7526, -2.1443

Sweetspot

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



201.6800, -1.3212, 3.7886



253.4840, -0.7316, 1.3295



201.7770, 1.5889, 3.7036



126.5980, -0.2948, 1.2296



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.



201.6800, -1.3212, 3.7886



248.5770, -1.7635, 5.6330



203.4410, -2.1894, 2.2442



99.0820, -1.0264, 2.5591



63.7220, -31.4149, 89.6978



14.2970, -7.0484, 20.7875

Inverse Universe

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



203.3200, 1.3212, -3.7886



251.4230, 1.7635, -5.6330



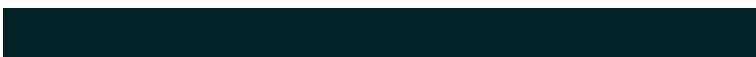
201.5590, 2.1894, -2.2442



99.9180, 1.0264, -2.5591



102.2780, 31.4149, -89.6978



23.7030, 7.0484, -20.7875

Previews

White Background



This preview shows how the YUV color 201.6800, -1.3212, 3.7886 looks on a white background.

Color Contrast Check

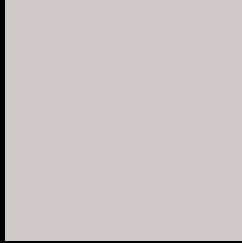
Large Text (above 18pt) WCAG AA × Fail

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 201.6800, -1.3212, 3.7886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

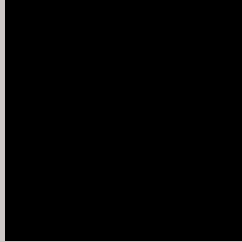
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

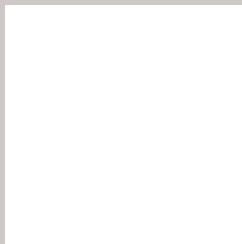
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.6800, -1.3212, 3.7886

Background



This preview shows how black text looks on a background with the YUV color 201.6800, -1.3212, 3.7886.



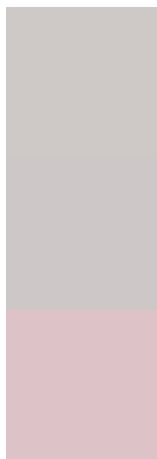
This preview shows how white text looks on a background with the YUV color 201.6800, -1.3212,

3.7886.

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

201.6800, -1.3212, 3.7886

Protanopia

201.3810, -1.1738, 3.1739

Deuteranopia

203.3440, -1.6486, 15.4843



Tritanopia

202.7000, 5.0779, 4.6481

Trichromacy



Original Color

201.6800, -1.3212, 3.7886

Protanomaly

201.3810, -1.1738, 3.1739

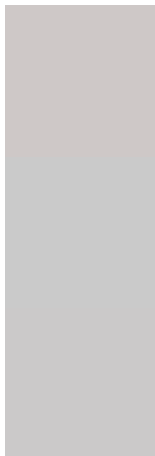
Deuteranomaly

203.0230, -1.4903, 11.3808

Tritanomaly

202.4180, 2.7519, 4.0184

Monochromacy



Original Color

201.6800, -1.3212, 3.7886

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6800, -1.3212, 3.7886 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(206, 200, 199)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 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(206, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 199) }
```

Border

The CSS property to change the border of an element to YUV 201.6800, -1.3212, 3.7886 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(206, 200, 199) }
```


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

```
.border{ border-color:rgb(206, 200, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 200, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 200, 199); box-shadow:4px 4px 4px 4px rgb(206, 200, 199) }
```

Background

The CSS property to change the background color of an element to YUV 201.6800, -1.3212, 3.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 199) }
```

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

```
.background{ background-color: rgb(206,  
200, 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