

Converting Colors

YUV(202.4210, -8.5886, 1.3848)

Have a look what the booklet for
YUV(202.4210, -8.5886, 1.3848)
contains.

YUV(202.4210, -8.5886, 1.3848)	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(202.4210, -8.5886,
1.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCDB9
RGB	204, 205, 185
RGB Percent	80%, 80%, 73%
CMY	0.2000, 0.1961, 0.2745
CMYK	0.00, 0.00, 0.10, 0.20
HSL	63°, 17%, 76%
HSV	63°, 10%, 80%
XYZ	55.4901, 60.0028, 54.5560
YIQ	202.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

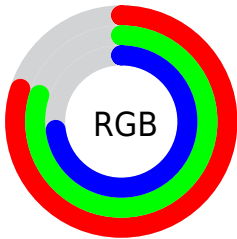
Format	Color
R _Y B	185, 205, 186
Decimal	13422009
CIE Lab	81.84, -3.83, 9.84
CIE LCh	82, 10.558, 111.284
Yxy	60.0028, 0.3263, 0.3529
Android (android.graphics.Color)	4291612089 (0xFFCCDB9)
YUV	202.4210, -8.5886, 1.3848
Hunter-Lab	77.4615, -7.6877, 12.4652

Details

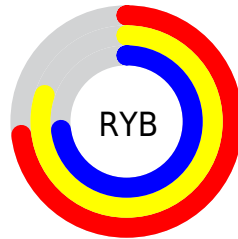
The YUV color $202.4210, -8.5886, 1.3848$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $187.5790, 8.5886, -1.3848$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, -6.1152, 1.3997$, and $148.5350, -8.1518, 1.2848$ is the 20% darker color. If you saturate the color by 10%, you get $199.7280, -17.6139, 2.8695$, and if you desaturate by 10%, it is $205.1140, 0.4368, -0.1000$.

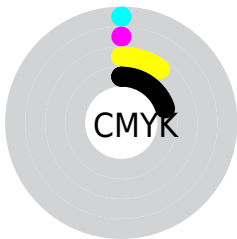
Distribution



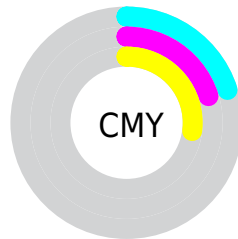
- Red (80%)
- Green (80%)
- Blue (73%)



- Red (73%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.4210, -8.5886, 1.3848 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 202.4210, -8.5886, 1.3848 by changing the saturation by 10% instead.


 202.4210, -8.5886,
1.3848

 202.4210, -8.5886,
1.3848


255.0000, 0.0000,
0.0000


 175.4210, -8.5886,
1.3848


 253.4040, -6.1152,
1.3997

 148.5350, -8.1518,
1.2848

 122.6490, -7.7150,
1.1848

 97.7630, -7.2782,
1.0848

 73.7630, -7.2782,
1.0848

 51.5780, -6.6940,
0.3701

 29.9910, -6.4046,

0.8849

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 202.4210, -8.5886,
1.3848

■ 202.4210, -8.5886,
1.3848

■ 199.7280,
-17.6139, 2.8695

■ 205.1140, 0.4368,
-0.1000

■ 197.1490,
-26.2025, 4.2543

■ 207.6930, 9.0254,
-1.4848

■ 194.4560,
-35.2278, 5.7391

■ 210.3860, 18.0507,
-2.9695

■ 191.8770,
-43.8164, 7.1239

■ 211.5970, 21.3977,
-3.1546

■ 189.1840,
-52.8417, 8.6086

■ 211.8960, 21.2503,
-2.5398

■ 186.6050,
-61.4303, 9.9934

■ 212.1950, 21.1029,
-1.9250

■ 183.9120,
-70.4556, 11.4782

■ 212.4940, 20.9555,
-1.3102

■ 181.3330,
-79.0442, 12.8630

■ 212.7930, 20.8081,
-0.6955

■ 178.6400,
-88.0695, 14.3477

■ 213.0920, 20.6606,
-0.0807

Harmonies

Analogous

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



203.8350, -9.7787, 9.7917



202.4210, -8.5886, 1.3848



201.5770, -5.2145, -7.5220

Triad

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



202.4210, -8.5886, 1.3848



201.0670, 8.3480, -17.5988



205.6150, 0.6828, 14.3696

Complementary

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



202.4210, -8.5886, 1.3848



187.5790, 8.5886, -1.3848

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.



205.4230, 5.2145, 7.5220



202.4210, -8.5886, 1.3848



202.5670, 10.0735, -11.0213

Square

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



202.4210, -8.5886, 1.3848



200.1440, 4.8590, -18.5433



204.2800, 8.7360, -1.9996



205.3720, -4.1274, 17.2138

Rectangle

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



202.4210, -8.5886, 1.3848



200.7550, -1.8512, -12.9401



204.2800, 8.7360, -1.9996



205.3590, 2.2880, 12.8402

Sweetspot

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



202.4210, -8.5886, 1.3848



254.0880, -3.4944, 0.7998



191.5670, -3.2375, 11.7807



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.



202.4210, -8.5886, 1.3848



250.8680, -13.2459, 1.8698



199.4310, -7.1145, -4.7630



100.5610, -4.2206, 0.3850



144.3850, -71.1818, 11.0634



33.0700, -16.3035, 2.5696

Inverse Universe

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



187.5790, 8.5886, -1.3848



228.1320, 13.2459, -1.8698



190.5690, 7.1145, 4.7630



93.1400, 4.3680, -0.9998



21.3160, 71.3292, -11.6781



4.9300, 16.3035, -2.5696

Previews

White Background



This preview shows how the YUV color 202.4210, -8.5886, 1.3848 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 202.4210, -8.5886, 1.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

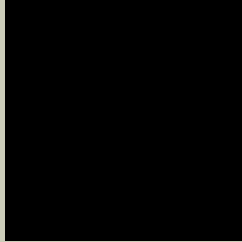
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.4210, -8.5886, 1.3848

Background



This preview shows how black text looks on a background with the YUV color 202.4210, -8.5886, 1.3848.



This preview shows how white text looks on a background with the YUV color 202.4210, -8.5886,

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

202.4210, -8.5886, 1.3848

Protanopia

203.5250, -9.6258, 7.4326

Deuteranopia

204.8410, -8.7956, 21.1874



Tritanopia

204.5150, 5.6621, 3.9333

Trichromacy



Original Color

202.4210, -8.5886, 1.3848

Protanomaly

203.2150, -9.4730, 5.0734

Deuteranomaly

203.7970, -8.7739, 14.2100

Tritanomaly

203.8370, 0.5734, 2.7740

Monochromacy



Original Color

202.4210, -8.5886, 1.3848

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.2020, -3.0576, 0.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4210, -8.5886, 1.3848 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(204, 205, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 185)  
}
```

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(204, 205, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 185) }
```

Border

The CSS property to change the border of an element to YUV 202.4210, -8.5886, 1.3848 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(204, 205, 185) }
```


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

```
.border{ border-color:rgb(204, 205, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 202.4210, -8.5886, 1.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 185) }
```

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

```
.background{ background-color: rgb(204,  
205, 185) }
```

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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