

Converting Colors

YUV(198.5210, 3.1941, 2.1741)

Have a look what the booklet for
YUV(198.5210, 3.1941, 2.1741)
contains.

YUV(198.5210, 3.1941, 2.1741)	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(198.5210, 3.1941,
2.1741)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C4CD
RGB	201, 196, 205
RGB Percent	79%, 77%, 80%
CMY	0.2118, 0.2314, 0.1961
CMYK	0.02, 0.04, 0.00, 0.20
HSL	273°, 8%, 79%
HSV	273°, 4%, 80%
XYZ	54.8468, 56.3051, 65.7349
YIQ	198.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

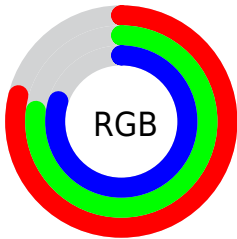
Format	Color
R _Y B	201, 196, 205
Decimal	13223117
CIE Lab	79.79, 3.39, -3.88
CIE LCh	80, 5.158, 311.142
Yxy	56.3051, 0.3101, 0.3183
Android (android.graphics.Color)	4291413197 (0xFFC9C4CD)
YUV	198.5210, 3.1941, 2.1741
Hunter-Lab	75.0368, -0.8429, 0.5856

Details

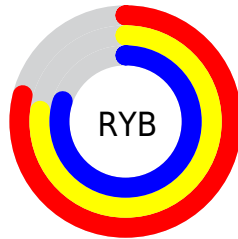
The YUV color **198.5210, 3.1941, 2.1741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202.4790, -3.1941, -2.1741**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8260, 0.5788, 1.0296**, and **144.5210, 3.1941, 2.1741** is the 20% darker color. If you saturate the color by 10%, you get **184.0900, 10.3086, 6.9371**, and if you desaturate by 10%, it is **213.5390, -4.2097, -3.1037**.

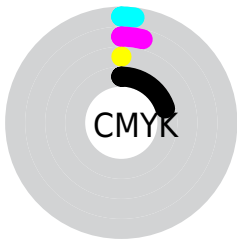
Distribution



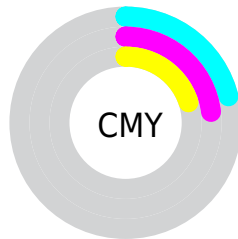
- Red (79%)
- Green (77%)
- Blue (80%)



- Red (79%)
- Yellow (77%)
- Blue (80%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5210, 3.1941, 2.1741 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 198.5210, 3.1941, 2.1741 by changing the saturation by 10% instead.

■ 198.5210, 3.1941,
2.1741

■ 198.5210, 3.1941,
2.1741

■ 255.0000, 0.0000,
0.0000

■ 171.5210, 3.1941,
2.1741

■ 253.8260, 0.5788,
1.0296

■ 144.5210, 3.1941,
2.1741

■ 119.1080, 2.9048,
1.6593

■ 94.4070, 2.7573,
2.2741

■ 70.9940, 2.4680,
1.7593

■ 48.1080, 2.9048,
1.6593

■ 27.5810, 2.1786,

1.2445

■ 1.6240, 3.6364,
0.3298

■ 0.0000, 0.0000,
0.0000

■ 198.5210, 3.1941,
2.1741

■ 198.5210, 3.1941,
2.1741

■ 184.0900, 10.3086,
6.9371

■ 213.5390, -4.2097,
-3.1037

■ 169.0720, 17.7125,
12.2149

■ 227.9700,
-11.3242, -7.8667

■ 154.0540, 25.1164,
17.4926

■ 241.2270,
-17.8599, -11.6001

■ 139.6230, 32.2309,
22.2556

■ 243.9180,
-19.1866, -6.0671

■ 124.8930, 39.4928,
26.4038

■ 246.9080,
-20.6606, 0.0807

■ 109.8750, 46.8966,
31.6816

■ 249.3000,
-21.8399, 4.9989

■ 95.4440, 54.0111,
36.4446

■ 80.4260, 61.4150,
41.7224

■ 65.9950, 68.5295,
46.4854

Harmonies

Analogous

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



198.1290, 4.3734, -2.7441



198.5210, 3.1941, 2.1741



198.9730, 0.9993, 6.1627

Triad

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



198.5210, 3.1941, 2.1741



197.8930, -4.3842, 6.2328



196.5860, 1.1901, -8.4069

Complementary

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



198.5210, 3.1941, 2.1741



202.4790, -3.1941, -2.1741

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.



196.0270, -0.9993, -6.1627



198.5210, 3.1941, 2.1741



197.4580, -4.6628, 2.2293

Square

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



198.5210, 3.1941, 2.1741



198.5450, -3.2267, 8.2920



196.4790, -3.1941, -2.1741



196.5690, 3.6635, -8.3920

Rectangle

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



198.5210, 3.1941, 2.1741



199.2290, -0.6059, 7.6922



196.4790, -3.1941, -2.1741



196.4720, 0.7533, -8.3069

Sweetspot

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



198.5210, 3.1941, 2.1741



252.9400, 1.0156, 0.9296



199.3740, 2.7736, -2.9590



126.5270, 0.7262, 0.4148



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.



198.5210, 3.1941, 2.1741



245.5750, 4.6465, 3.0037



199.7170, 2.6045, 4.6332



97.5810, 2.1786, 1.2445



46.4320, 58.9470, 39.9631



10.6110, 13.5028, 9.1112

Inverse Universe

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



199.1470, 0.4205, 5.1331



246.5710, 0.7045, 7.3922



201.2830, -2.6045, -4.6332



98.1360, 0.4260, 3.3887



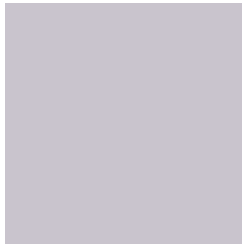
58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 198.5210, 3.1941, 2.1741 looks on a white background.

Color Contrast Check

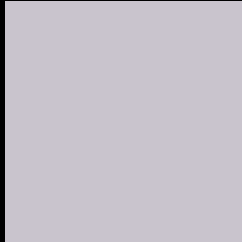
Large Text (above 18pt) WCAG AA × Fail

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 198.5210, 3.1941, 2.1741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

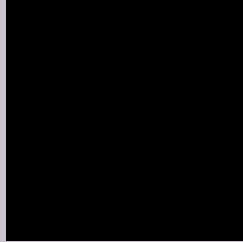
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

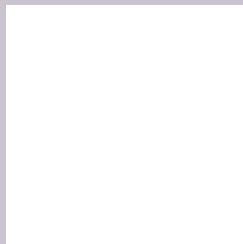
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.5210, 3.1941, 2.1741

Background



This preview shows how black text looks on a background with the YUV color 198.5210, 3.1941, 2.1741.



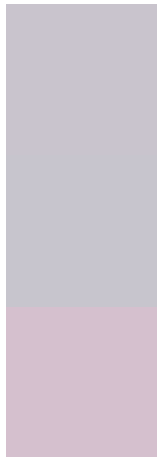
This preview shows how white text looks on a background with the YUV color 198.5210, 3.1941,

2.1741.

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

198.5210, 3.1941, 2.1741

Protanopia

198.5100, 3.1996, 0.4297

Deuteranopia

199.8750, 3.0196, 11.5106



Tritanopia

198.9170, 5.9569, 2.7038

Trichromacy



Original Color

198.5210, 3.1941, 2.1741

Protanomaly

198.8090, 3.0522, 1.0445

Deuteranomaly

199.2660, 3.3199, 8.5367

Tritanomaly

198.6890, 5.0833, 2.9037

Monochromacy



Original Color

198.5210, 3.1941, 2.1741

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5210, 3.1941, 2.1741 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(201, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 205)  
}
```

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(201, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 205) }
```

Border

The CSS property to change the border of an element to YUV 198.5210, 3.1941, 2.1741 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(201, 196, 205) }
```


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

```
.border{ border-color:rgb(201, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 198.5210, 3.1941, 2.1741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 205) }
```

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

```
.background{ background-color: rgb(201,  
196, 205) }
```

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