

Converting Colors

YUV(199.4910, -8.1301, -5.6926)

Have a look what the booklet for
YUV(199.4910, -8.1301, -5.6926)
contains.

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Color

**YUV(199.4910, -8.1301,
-5.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CEB7
RGB	193, 206, 183
RGB Percent	76%, 81%, 72%
CMY	0.2431, 0.1922, 0.2824
CMYK	0.06, 0.00, 0.11, 0.19
HSL	94°, 19%, 76%
HSV	94°, 11%, 81%
XYZ	52.6109, 58.8990, 53.3955
YIQ	199.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

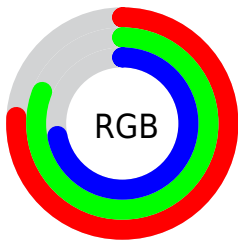
Format	Color
RYB	183, 206, 196
Decimal	12701367
CIELab	81.24, -8.59, 9.93
CIELCh	81, 13.129, 130.847
Yxy	58.8990, 0.3190, 0.3572
Android (android.graphics.Color)	4290891447 (0xFFC1CEB7)
YUV	199.4910, -8.1301, -5.6926
Hunter-Lab	76.7457, -11.9392, 12.4712

Details

The YUV color **199.4910, -8.1301, -5.6926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189.5090, 8.1301, 5.6926**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.3820, -6.1043, -2.0890**, and **145.6050, -7.6933, -5.7926** is the 20% darker color. If you saturate the color by 10%, you get **193.5090, -15.5339, -10.9704**, and if you desaturate by 10%, it is **205.4730, -0.7262, -0.4148**.

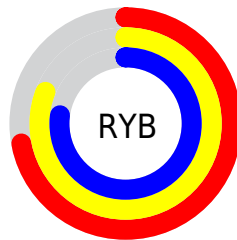
Distribution



Red (76%)

Green (81%)

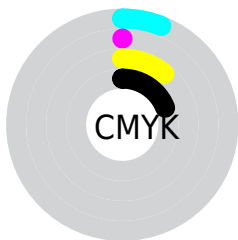
Blue (72%)



Red (72%)

Yellow (81%)

Blue (77%)

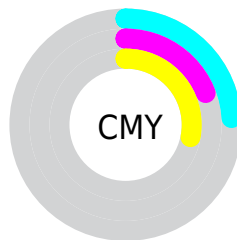


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (24%)


Magenta (19%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4910, -8.1301, -5.6926 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 199.4910, -8.1301, -5.6926 by changing the saturation by 10% instead.

 199.4910, -8.1301,
-5.6926


 199.4910, -8.1301,
-5.6926


255.0000, 0.0000,
0.0000


 172.4910, -8.1301,
-5.6926


 251.3820, -6.1043,
-2.0890

 145.6050, -7.6933,
-5.7926

 120.0180, -7.4039,
-5.2778

 95.1320, -6.9671,
-5.3778

 71.5450, -6.6777,
-4.8630

 48.9580, -6.3883,
-4.3482

 27.9580, -6.3883,

-4.3482

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 199.4910, -8.1301,
-5.6926

■ 199.4910, -8.1301,
-5.6926

■ 193.5090,
-15.5339, -10.9704

■ 205.4730, -0.7262,
-0.4148

■ 187.9400,
-22.6484, -15.7334

■ 211.0420, 6.3883,
4.3482

■ 181.9580,
-30.0523, -21.0112

■ 217.0240, 13.7922,
9.6260

■ 176.0900,
-37.0194, -26.3889

■ 221.7520, 16.3913,
16.0035

■ 170.4070,
-44.5707, -31.0519

■ 225.0410, 14.7698,
22.7660

■ 164.4250,
-51.9745, -36.3297

■ 226.2370, 14.1802,
25.2252

■ 158.5570,
-58.9416, -41.7075

■ 152.8740,
-66.4929, -46.3705

■ 147.8320,
-72.8812, -50.7187

Harmonies

Analogous

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



200.7590, -11.2202, 5.4734



199.4910, -8.1301, -5.6926



197.9180, -2.4246, -15.7141

Triad

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



199.4910, -8.1301, -5.6926



199.8050, 12.4211, -17.3690



204.0350, -2.9753, 21.0173

Complementary

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



199.4910, -8.1301, -5.6926



189.5090, 8.1301, 5.6926

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.



204.1960, 2.8614, 15.6141



199.4910, -8.1301, -5.6926



201.7570, 11.9518, -6.8029

Square

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



199.4910, -8.1301, -5.6926



198.2620, 9.2378, -23.0318



203.5090, 8.1301, 5.6926



203.5420, -8.6482, 20.5727

Rectangle

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



199.4910, -8.1301, -5.6926



197.7370, 2.1017, -20.8173



203.5090, 8.1301, 5.6926



204.1920, -1.0807, 20.0026

Sweetspot

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



199.4910, -8.1301, -5.6926



252.8920, -2.9048, -1.6593



197.5080, -7.1524, 7.4475



126.4190, -2.1786, -1.2445



0.0000, 0.0000, 0.0000



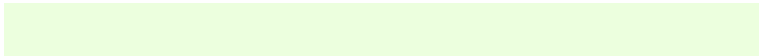
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4910, -8.1301, -5.6926



245.5570, -11.6136, -8.3815



196.6150, -6.2192, -11.9404



99.0660, -3.4835, -2.6889



118.9700, -58.6522, -41.1927



27.3890, -13.5028, -9.1112

Inverse Universe

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



189.5090, 8.1301, 5.6926



231.4430, 11.6136, 8.3815



192.3850, 6.2192, 11.9404



94.9340, 3.4835, 2.6889



47.0300, 58.6522, 41.1927



10.9100, 13.3554, 9.7259

Previews

White Background



This preview shows how the YUV color 199.4910, -8.1301, -5.6926 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 199.4910, -8.1301, -5.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

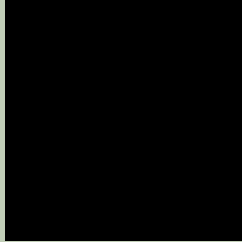
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

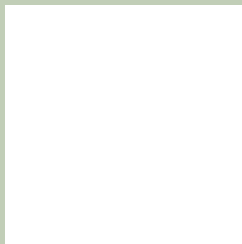
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.4910, -8.1301, -5.6926

Background



This preview shows how black text looks on a background with the YUV color 199.4910, -8.1301, -5.6926.



This preview shows how white text looks on a background with the YUV color 199.4910, -8.1301, -5.6926.

-5.6926.

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

199.4910, -8.1301, -5.6926

Protanopia

201.2970, -10.4994, 7.6325

Deuteranopia

202.8410, -8.7956, 21.1874



Tritanopia

201.9270, 7.4310, -3.4440

Trichromacy



Original Color

199.4910, -8.1301, -5.6926

Protanomaly

200.7910, -9.7570, 2.8143

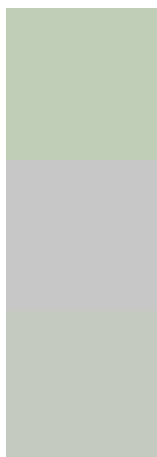
Deuteranomaly

201.4870, -8.6211, 11.8509

Tritanomaly

201.1350, 1.9054, -4.5034

Monochromacy



Original Color

199.4910, -8.1301, -5.6926

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.4790, -3.1941, -2.1741

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4910, -8.1301, -5.6926 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, 206, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 183)  
}
```

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, 206, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 183) }
```

Border

The CSS property to change the border of an element to YUV 199.4910, -8.1301, -5.6926 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, 206, 183) }
```


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

```
.border{ border-color:rgb(193, 206, 183) }
```

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

Here you see how a box with a 4 pixel rgb(193, 206, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 206, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 206, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 206,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 199.4910, -8.1301, -5.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 183) }
```

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

```
.background{ background-color: rgb(193,  
206, 183) }
```

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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