

Converting Colors

YUV(191.8080, 7.9827, 6.3074)

Have a look what the booklet for
YUV(191.8080, 7.9827, 6.3074)
contains.

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Color

**YUV(191.8080, 7.9827,
6.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B9D0
RGB	199, 185, 208
RGB Percent	78%, 73%, 82%
CMY	0.2196, 0.2745, 0.1843
CMYK	0.04, 0.11, 0.00, 0.18
HSL	277°, 20%, 77%
HSV	277°, 11%, 82%
XYZ	52.2873, 51.3941, 66.8387
YIQ	191.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

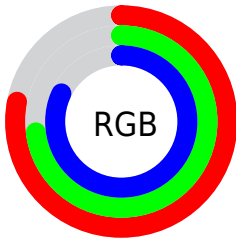
Format	Color
R _Y B	199, 185, 208
Decimal	13089232
CIE Lab	76.92, 9.19, -9.77
CIE LCh	77, 13.413, 313.225
Yxy	51.3941, 0.3066, 0.3014
Android (android.graphics.Color)	4291279312 (0xFFC7B9D0)
YUV	191.8080, 7.9827, 6.3074
Hunter-Lab	71.6897, 4.7331, -5.0953

Details

The YUV color **191.8080, 7.9827, 6.3074** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201.1920, -7.9827, -6.3074**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 4.0515, 7.2072**, and **138.3950, 7.6933, 5.7926** is the 20% darker color. If you saturate the color by 10%, you get **177.0890, 15.2391, 12.1999**, and if you desaturate by 10%, it is **206.5270, 0.7262, 0.4148**.

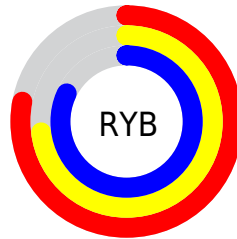
Distribution



Red (78%)

Green (73%)

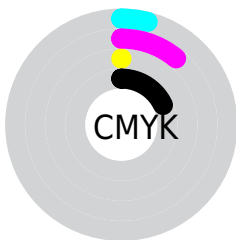
Blue (82%)



Red (78%)

Yellow (73%)

Blue (82%)

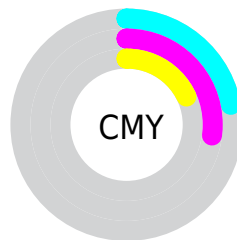


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8080, 7.9827, 6.3074 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 191.8080, 7.9827, 6.3074 by changing the saturation by 10% instead.

■ 191.8080, 7.9827,
6.3074

■ 191.8080, 7.9827,
6.3074

255.0000, 0.0000,
0.0000

■ 164.6940, 7.5459,
6.4074

■ 246.7820, 4.0515,
7.2072

■ 138.3950, 7.6933,
5.7926

■ 112.9820, 7.4039,
5.2778

■ 88.8680, 6.9671,
5.3778

■ 64.8680, 6.9671,
5.3778

■ 43.0420, 6.3883,
4.3482

■ 21.9280, 5.9515,

4.4481

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 191.8080, 7.9827,
6.3074

■ 191.8080, 7.9827,
6.3074

■ 177.0890, 15.2391,
12.1999

■ 206.5270, 0.7262,
0.4148

■ 162.3700, 22.4956,
18.0925

■ 221.2460, -6.5303,
-5.4777

■ 148.2380, 29.4627,
23.4703

■ 235.3780,
-13.4974, -10.8555

■ 133.2200, 36.8665,
28.7481

■ 242.7650,
-17.1391, -9.4409

■ 118.5010, 44.1230,
34.6406

■ 245.1570,
-18.3184, -4.5227

■ 103.7820, 51.3795,
40.5332

■ 247.5490,
-19.4977, 0.3955

■ 89.0630, 58.6359,
46.4257

■ 249.6420,
-20.5295, 4.6990

■ 74.9310, 65.6030,
51.8035

■ 61.6850, 72.1333,
57.2813

Harmonies

Analogous

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



190.3550, 11.6570, -5.5733



191.8080, 7.9827, 6.3074



192.3810, 2.2772, 16.3289

Triad

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



191.8080, 7.9827, 6.3074



190.5860, -12.1209, 14.3951



185.4100, 4.7279, -23.1616

Complementary

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



191.8080, 7.9827, 6.3074



201.1920, -7.9827, -6.3074

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.



186.3200, -2.1298, -16.9436



191.8080, 7.9827, 6.3074



189.0470, -11.3622, 4.3438

Square

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



191.8080, 7.9827, 6.3074



191.4280, -9.0850, 20.6726



187.3060, -7.5459, -6.4074



186.3760, 9.6746, -23.1318

Rectangle

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



191.8080, 7.9827, 6.3074



192.0780, -1.5175, 20.1026



187.3060, -7.5459, -6.4074



185.5520, 2.6859, -21.5321

Sweetspot

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



191.8080, 7.9827, 6.3074



249.4070, 2.7573, 2.2741



192.9050, 7.4418, -6.9327



123.8800, 2.0312, 1.8592



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.



191.8080, 7.9827, 6.3074



231.7420, 11.4662, 8.9963



194.2710, 5.7824, 12.0403



97.0480, 3.9203, 2.5889



49.6500, 58.3465, 45.9109



12.1490, 14.2235, 11.2703

Inverse Universe

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



192.9030, 0.5408, 13.2401



233.3490, 0.8139, 18.9879



198.7290, -5.7824, -12.0403



97.7450, 0.1257, 6.3626



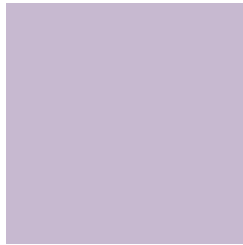
57.7560, 4.0643, 96.6840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 191.8080, 7.9827, 6.3074 looks on a white background.

Color Contrast Check

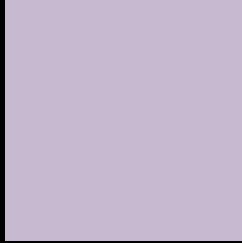
Large Text (above 18pt) WCAG AA × Fail

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 191.8080, 7.9827, 6.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

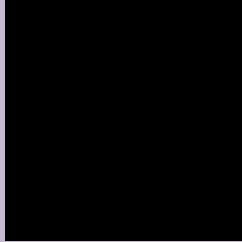
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.8080, 7.9827, 6.3074

Background



This preview shows how black text looks on a background with the YUV color 191.8080, 7.9827, 6.3074.



This preview shows how white text looks on a background with the YUV color 191.8080, 7.9827,

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

191.8080, 7.9827, 6.3074

Protanopia

190.7960, 9.4676, -3.3291

Deuteranopia

192.1070, 7.8352, 6.9222



Tritanopia

191.2980, 4.7831, 5.8777

Trichromacy



Original Color

191.8080, 7.9827, 6.3074

Protanomaly

191.2910, 8.7305, -0.2552

Deuteranomaly

192.1070, 7.8352, 6.9222

Tritanomaly

191.6400, 6.0935, 5.5777

Monochromacy



Original Color

191.8080, 7.9827, 6.3074

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8080, 7.9827, 6.3074 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(199, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 208)  
}
```

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(199, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 208) }
```

Border

The CSS property to change the border of an element to YUV 191.8080, 7.9827, 6.3074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

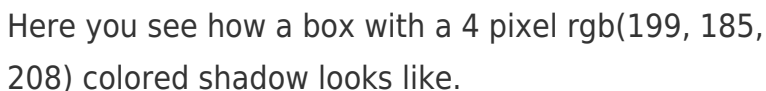
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 185, 208) }
```


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

```
.border{ border-color:rgb(199, 185, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 185, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 185, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 185, 208); box-shadow:4px 4px 4px 4px rgb(199, 185, 208) }
```

Background

The CSS property to change the background color of an element to YUV 191.8080, 7.9827, 6.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 208) }
```

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

```
.background{ background-color: rgb(199,  
185, 208) }
```

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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