

Converting Colors

YUV(189.9330, 8.4140, 7.9518)

Have a look what the booklet for
YUV(189.9330, 8.4140, 7.9518)
contains.

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Color

**YUV(189.9330, 8.4140,
7.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B6CF
RGB	199, 182, 207
RGB Percent	78%, 71%, 81%
CMY	0.2196, 0.2863, 0.1882
CMYK	0.04, 0.12, 0.00, 0.19
HSL	281°, 21%, 76%
HSV	281°, 12%, 81%
XYZ	51.5436, 50.1030, 65.9857
YIQ	189.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

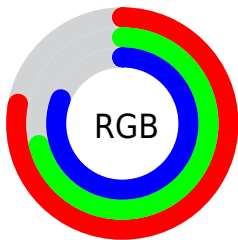
Format	Color
R _Y B	199, 182, 207
Decimal	13088463
CIE Lab	76.13, 10.62, -10.40
CIE LCh	76, 14.862, 315.589
Yxy	50.1030, 0.3075, 0.2989
Android (android.graphics.Color)	4291278543 (0xFFC7B6CF)
YUV	189.9330, 8.4140, 7.9518
Hunter-Lab	70.7835, 6.1103, -5.7228

Details

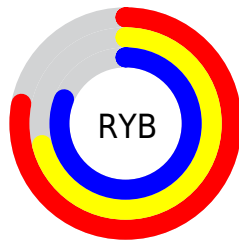
The YUV color `189.9330, 8.4140, 7.9518` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `199.0670, -8.4140, -7.9518`, and the grayscale version is `190.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `245.0210, 4.9196, 8.7516`, and `136.5200, 8.1246, 7.4370` is the 20% darker color. If you saturate the color by 10%, you get `175.5130, 15.5231, 14.4591`, and if you desaturate by 10%, it is `204.3530, 1.3050, 1.4444`.

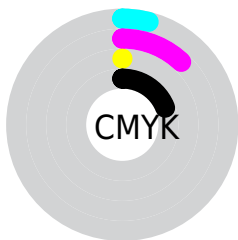
Distribution



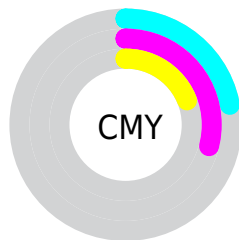
- Red (78%)
- Green (71%)
- Blue (81%)



- Red (78%)
- Yellow (71%)
- Blue (81%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9330, 8.4140, 7.9518 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 189.9330, 8.4140, 7.9518 by changing the saturation by 10% instead.

■ 189.9330, 8.4140,
7.9518

■ 189.9330, 8.4140,
7.9518

255.0000, 0.0000,
0.0000

■ 162.8190, 7.9772,
8.0517

■ 245.0210, 4.9196,
8.7516

■ 136.5200, 8.1246,
7.4370

■ 111.1070, 7.8352,
6.9222

■ 86.6940, 7.5459,
6.4074

■ 63.5800, 7.1091,
6.5073

■ 41.1670, 6.8197,
5.9925

■ 20.6400, 6.0935,

5.5777

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 189.9330, 8.4140,
7.9518

■ 189.9330, 8.4140,
7.9518

■ 175.5130, 15.5231,
14.4591

■ 204.3530, 1.3050,
1.4444

■ 161.9790, 22.1954,
21.0664

■ 217.8870, -5.3673,
-5.1629

■ 147.5590, 29.3044,
27.5738

■ 232.3070,
-12.4764, -11.6702

■ 133.4380, 36.2661,
34.6959

■ 240.5580,
-16.5441, -13.6444

119.6050, 43.0857,
40.6884

242.6510,
-17.5759, -9.3409

105.1850, 50.1948,
47.1958

244.7440,
-18.6078, -5.0375

91.0640, 57.1564,
54.3179

246.5380,
-19.4922, -1.3488

76.6440, 64.2655,
60.8252

248.6310,
-20.5241, 2.9546

65.7570, 69.6328,
65.9881

249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



187.9960, 12.8200, -5.2585



189.9330, 8.4140, 7.9518



190.6910, 2.1243, 18.6880

Triad

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



189.9330, 8.4140, 7.9518



188.2440, -13.4313, 14.6950



183.0290, 5.9017, -26.3354

Complementary

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



189.9330, 8.4140, 7.9518



199.0670, -8.4140, -7.9518

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.



183.1240, -1.5401, -19.4027



189.9330, 8.4140, 7.9518



186.4060, -12.5252, 4.0289

Square

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



189.9330, 8.4140, 7.9518



189.7980, -10.2534, 22.1022



184.7680, -8.2666, -8.5665



183.5220, 11.5747, -25.8908

Rectangle

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



189.9330, 8.4140, 7.9518



190.2740, -2.1071, 22.5617



184.7680, -8.2666, -8.5665



183.0570, 3.4229, -24.6060

Sweetspot

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



189.9330, 8.4140, 7.9518



248.2330, 3.3361, 3.3037



189.5460, 8.6048, -6.6178



122.9940, 2.4680, 1.7593



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.



189.9330, 8.4140, 7.9518



230.5790, 12.0396, 11.7702



191.8690, 5.4876, 13.2699



97.3470, 3.7729, 3.2037



53.2380, 56.5777, 53.2883



13.0460, 13.7813, 13.1147

Inverse Universe

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



190.3870, -0.1908, 14.5696



231.1320, -0.0651, 20.9322



197.1310, -5.4876, -13.2699



97.6310, -0.3111, 6.4626



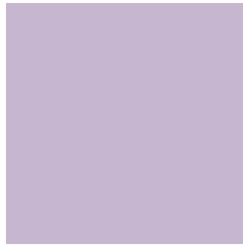
56.3880, -1.1773, 97.8837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 189.9330, 8.4140, 7.9518 looks on a white background.

Color Contrast Check

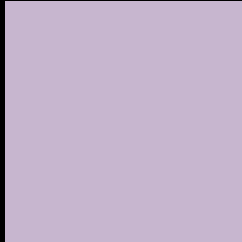
Large Text (above 18pt) WCAG AA × Fail

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 189.9330, 8.4140, 7.9518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

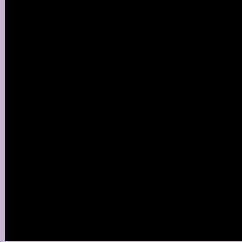
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.9330, 8.4140, 7.9518

Background



This preview shows how black text looks on a background with the YUV color 189.9330, 8.4140, 7.9518.



This preview shows how white text looks on a background with the YUV color 189.9330, 8.4140,

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

189.9330, 8.4140, 7.9518

Protanopia

188.4370, 10.6306, -3.0142

Deuteranopia

189.9220, 8.4195, 6.2074



Tritanopia

189.7820, 4.0515, 7.2072

Trichromacy



Original Color

189.9330, 8.4140, 7.9518

Protanomaly

189.2310, 9.7461, 0.6744

Deuteranomaly

190.2210, 8.2720, 6.8222

Tritanomaly

189.5370, 5.6513, 7.4221

Monochromacy



Original Color

189.9330, 8.4140, 7.9518

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9330, 8.4140, 7.9518 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, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 207)  
}
```

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, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 207) }
```

Border

The CSS property to change the border of an element to YUV 189.9330, 8.4140, 7.9518 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, 182, 207) }
```


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

```
.border{ border-color:rgb(199, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 189.9330, 8.4140, 7.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 207) }
```

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

```
.background{ background-color: rgb(199,  
182, 207) }
```

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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