

Converting Colors

YUV(187.5310, 8.1192, 9.1813)

Have a look what the booklet for
YUV(187.5310, 8.1192, 9.1813)
contains.

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Color

**YUV(187.5310, 8.1192,
9.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B3CC
RGB	198, 179, 204
RGB Percent	78%, 70%, 80%
CMY	0.2235, 0.2980, 0.2000
CMYK	0.03, 0.12, 0.00, 0.20
HSL	286°, 20%, 75%
HSV	286°, 12%, 80%
XYZ	50.3079, 48.6056, 63.8570
YIQ	187.5310, 3.2990, 11.8030

Conversions

Conversions Part 2

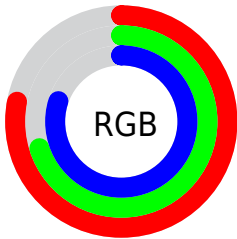
Format	Color
R_{YB}	198, 179, 204
Decimal	13022156
CIE _{Lab}	75.21, 11.33, -10.16
CIE _{LCh}	75, 15.216, 318.114
Yxy	48.6056, 0.3091, 0.2986
Android (android.graphics.Color)	4291212236 (0xFFC6B3CC)
YUV	187.5310, 8.1192, 9.1813
Hunter-Lab	69.7177, 6.7985, -5.5035

Details

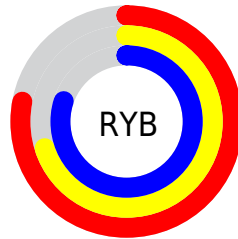
The YUV color **187.5310, 8.1192, 9.1813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195.4690, -8.1192, -9.1813**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **134.1180, 7.8298, 8.6665** is the 20% darker color. If you saturate the color by 10%, you get **174.2960, 14.6441, 16.4034**, and if you desaturate by 10%, it is **200.7660, 1.5944, 1.9592**.

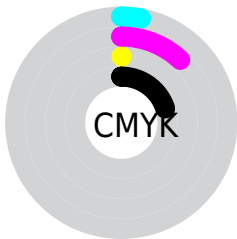
Distribution



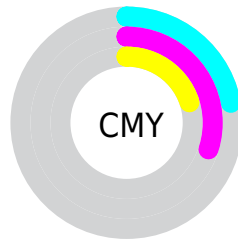
- Red (78%)
- Green (70%)
- Blue (80%)



- Red (78%)
- Yellow (70%)
- Blue (80%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.5310, 8.1192, 9.1813 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 187.5310, 8.1192, 9.1813 by changing the saturation by 10% instead.

■ 187.5310, 8.1192,
9.1813

■ 187.5310, 8.1192,
9.1813

255.0000, 0.0000,
0.0000

■ 160.5310, 8.1192,
9.1813

■ 243.2600, 5.7878,
10.2960

■ 134.1180, 7.8298,
8.6665

■ 108.7050, 7.5404,
8.1517

■ 84.5910, 7.1036,
8.2517

■ 61.1780, 6.8142,
7.7369

■ 39.4660, 6.6723,
6.6073

■ 18.0640, 6.3774,

7.8369

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 187.5310, 8.1192,
9.1813

■ 187.5310, 8.1192,
9.1813

■ 174.2960, 14.6441,
16.4034

■ 200.7660, 1.5944,
1.9592

■ 160.4740, 21.4583,
24.1403

■ 214.5880, -5.2199,
-5.7777

■ 147.2390, 27.9832,
31.3624

■ 227.8230,
-11.7447, -12.9998

■ 133.4170, 34.7974,
39.0993

■ 238.1230,
-16.8226, -17.6479

■ 120.4810, 41.1749,
46.9362

■ 239.3190,
-17.4123, -15.1888

■ 107.2460, 47.6997,
54.1583

■ 240.8140,
-18.1493, -12.1149

■ 93.4240, 54.5140,
61.8952

■ 242.3090,
-18.8863, -9.0410

■ 80.1890, 61.0388,
69.1172

■ 243.8040,
-19.6234, -5.9671

■ 69.6010, 66.2587,
74.8949

■ 245.2990,
-20.3604, -2.8932

Harmonies

Analogous

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



185.7080, 12.9620, -4.1289



187.5310, 8.1192, 9.1813



187.8760, 1.5401, 19.4027

Triad

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



187.5310, 8.1192, 9.1813



185.2440, -13.4313, 14.6950



179.8440, 6.4859, -27.0502

Complementary

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



187.5310, 8.1192, 9.1813



195.4690, -8.1192, -9.1813

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.



180.6400, -0.8085, -20.7323



187.5310, 8.1192, 9.1813



183.8080, -12.2303, 2.7994

Square

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



187.5310, 8.1192, 9.1813



186.6840, -10.6902, 22.2021



182.1700, -7.9718, -9.7961



181.5220, 11.5747, -25.8908

Rectangle

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



187.5310, 8.1192, 9.1813



188.0460, -2.9807, 22.7617



182.1700, -7.9718, -9.7961



180.5730, 4.1545, -25.9355

Sweetspot

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



187.5310, 8.1192, 9.1813



248.5320, 3.1887, 3.9184



185.3720, 9.1836, -5.5882



123.2930, 2.3206, 2.3740



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.



187.5310, 8.1192, 9.1813



230.0030, 12.3235, 14.0294



188.6410, 4.6140, 13.4698



95.5320, 3.1887, 3.9184



56.5980, 53.9352, 60.8656



13.0030, 12.3235, 14.0294

Inverse Universe

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



187.1590, -1.0644, 14.7696



229.3880, -1.6703, 22.4617



194.3590, -4.6140, -13.4698



95.2180, -0.6005, 5.9478



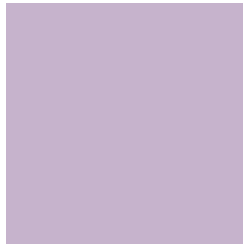
54.1940, -6.9976, 98.0539



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 187.5310, 8.1192, 9.1813 looks on a white background.

Color Contrast Check

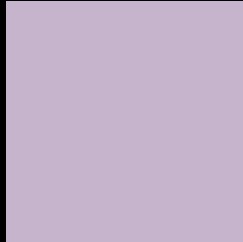
Large Text (above 18pt) WCAG AA × Fail

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 187.5310, 8.1192, 9.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

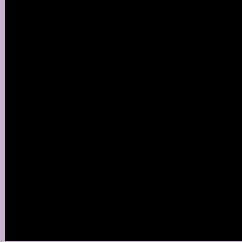
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.5310, 8.1192, 9.1813

Background



This preview shows how black text looks on a background with the YUV color 187.5310, 8.1192, 9.1813.



This preview shows how white text looks on a background with the YUV color 187.5310, 8.1192,

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

187.5310, 8.1192, 9.1813

Protanopia

186.0240, 10.3412, -3.5290

Deuteranopia

187.2210, 8.2720, 6.8222



Tritanopia

187.3800, 3.7567, 8.4367

Trichromacy



Original Color

187.5310, 8.1192, 9.1813

Protanomaly

186.5300, 9.5987, 1.2892

Deuteranomaly

187.5200, 8.1246, 7.4370

Tritanomaly

187.1350, 5.3564, 8.6516

Monochromacy



Original Color

187.5310, 8.1192, 9.1813

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.5310, 8.1192, 9.1813 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(198, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 204)  
}
```

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(198, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 204) }
```

Border

The CSS property to change the border of an element to YUV 187.5310, 8.1192, 9.1813 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(198, 179, 204) }
```


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

```
.border{ border-color:rgb(198, 179, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 187.5310, 8.1192, 9.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 204) }
```

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

```
.background{ background-color: rgb(198,  
179, 204) }
```

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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