

Converting Colors

YUV(187.1070, 7.8352, 6.9222)

Have a look what the booklet for
YUV(187.1070, 7.8352, 6.9222)
contains.

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Color

**YUV(187.1070, 7.8352,
6.9222)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B4CB
RGB	195, 180, 203
RGB Percent	76%, 71%, 80%
CMY	0.2353, 0.2941, 0.2039
CMYK	0.04, 0.11, 0.00, 0.20
HSL	279°, 18%, 75%
HSV	279°, 11%, 80%
XYZ	49.6064, 48.5564, 63.2577
YIQ	187.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

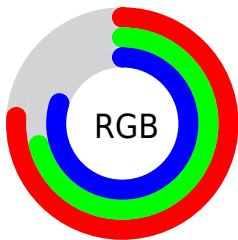
Format	Color
R_{YB}	195, 180, 203
Decimal	12825803
CIE _{Lab}	75.17, 9.57, -9.69
CIE _{LCh}	75, 13.618, 314.659
Yxy	48.5564, 0.3073, 0.3008
Android (android.graphics.Color)	4291015883 (0xFFC3B4CB)
YUV	187.1070, 7.8352, 6.9222
Hunter-Lab	69.6824, 5.1286, -5.0457

Details

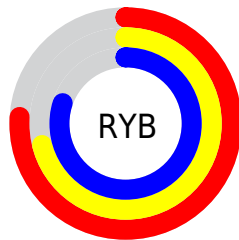
The YUV color **187.1070, 7.8352, 6.9222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195.8930, -7.8352, -6.9222**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9500, 5.9407, 7.9369**, and **133.6940, 7.5459, 6.4074** is the 20% darker color. If you saturate the color by 10%, you get **173.2740, 14.6549, 12.9147**, and if you desaturate by 10%, it is **200.9400, 1.0156, 0.9296**.

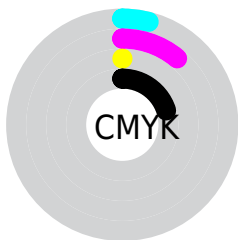
Distribution



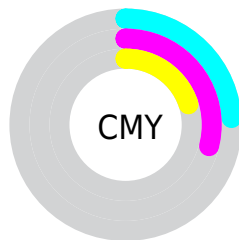
- Red (76%)
- Green (71%)
- Blue (80%)



- Red (76%)
- Yellow (71%)
- Blue (80%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1070, 7.8352, 6.9222 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 187.1070, 7.8352, 6.9222 by changing the saturation by 10% instead.

■ 187.1070, 7.8352,
6.9222

■ 187.1070, 7.8352,
6.9222

255.0000, 0.0000,
0.0000

■ 160.1070, 7.8352,
6.9222

■ 242.9500, 5.9407,
7.9369

■ 133.6940, 7.5459,
6.4074

■ 108.5800, 7.1091,
6.5073

■ 84.1670, 6.8197,
5.9925

■ 60.7540, 6.5303,
5.4777

■ 39.3410, 6.2409,
4.9629

■ 18.0530, 6.3829,

6.0925

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 187.1070, 7.8352,
6.9222

■ 187.1070, 7.8352,
6.9222

■ 173.2740, 14.6549,
12.9147

■ 200.9400, 1.0156,
0.9296

■ 158.8540, 21.7640,
19.4220

■ 215.3600, -6.0935,
-5.5777

■ 145.0210, 28.5836,
25.4146

■ 229.1930,
-12.9131, -11.5703

■ 131.1880, 35.4033,
31.4071

■ 239.5040,
-17.9965, -14.4740

■ 117.3550, 42.2230,
37.3997

■ 241.5970,
-19.0283, -10.1706

■ 102.9350, 49.3320,
43.9070

■ 243.6900,
-20.0602, -5.8671

■ 89.1020, 56.1517,
49.8995

■ 245.7830,
-21.0920, -1.5637

■ 75.2690, 62.9714,
55.8921

■ 247.8760,
-22.1239, 2.7397

■ 62.6100, 69.2123,
60.8550

■ 249.0720,
-22.7135, 5.1989

Harmonies

Analogous

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



185.3550, 11.6570, -5.5733



187.1070, 7.8352, 6.9222



187.6800, 2.1298, 16.9436

Triad

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



187.1070, 7.8352, 6.9222



185.5860, -12.1209, 14.3951



181.1110, 4.8753, -23.7763

Complementary

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



187.1070, 7.8352, 6.9222



195.8930, -7.8352, -6.9222

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.



181.1350, -1.5456, -17.6584



187.1070, 7.8352, 6.9222



184.0470, -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.



187.1070, 7.8352, 6.9222



186.4280, -9.0850, 20.6726



182.5940, -7.6878, -7.5369



181.4900, 10.1114, -23.2317

Rectangle

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



187.1070, 7.8352, 6.9222



187.9640, -1.9543, 20.2026



182.5940, -7.6878, -7.5369



181.2530, 2.8333, -22.1469

Sweetspot

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



187.1070, 7.8352, 6.9222



249.4070, 2.7573, 2.2741



187.3180, 7.7312, -6.4179



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.



187.1070, 7.8352, 6.9222



230.2800, 12.1870, 11.1554



189.1570, 5.3456, 12.1403



94.9340, 3.4835, 2.6889



51.2160, 56.5885, 49.7996



11.8070, 12.9131, 11.5703

Inverse Universe

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



187.7890, 0.1040, 13.3400



231.2460, 0.3717, 20.8323



193.8430, -5.3456, -12.1403



95.3320, -0.1637, 5.8478



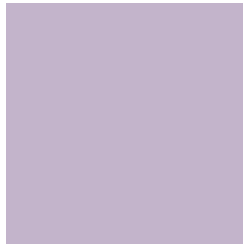
56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 187.1070, 7.8352, 6.9222 looks on a white background.

Color Contrast Check

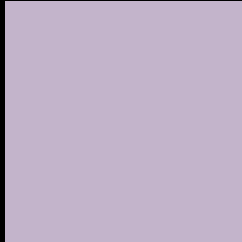
Large Text (above 18pt) WCAG AA × Fail

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 187.1070, 7.8352, 6.9222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

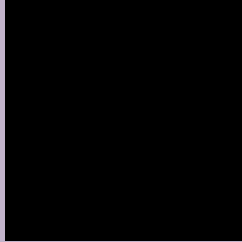
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.1070, 7.8352, 6.9222

Background



This preview shows how black text looks on a background with the YUV color 187.1070, 7.8352, 6.9222.



This preview shows how white text looks on a background with the YUV color 187.1070, 7.8352,

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

187.1070, 7.8352, 6.9222

Protanopia

185.7960, 9.4676, -3.3291

Deuteranopia

187.1070, 7.8352, 6.9222



Tritanopia

186.5970, 4.6357, 6.4924

Trichromacy



Original Color

187.1070, 7.8352, 6.9222

Protanomaly

186.5900, 8.5831, 0.3596

Deuteranomaly

187.1070, 7.8352, 6.9222

Tritanomaly

186.9390, 5.9461, 6.1925

Monochromacy



Original Color

187.1070, 7.8352, 6.9222

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1070, 7.8352, 6.9222 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(195, 180, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 203)  
}
```

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(195, 180, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 203) }
```

Border

The CSS property to change the border of an element to YUV 187.1070, 7.8352, 6.9222 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(195, 180, 203) }
```


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

```
.border{ border-color:rgb(195, 180, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 187.1070, 7.8352, 6.9222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 203) }
```

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

```
.background{ background-color: rgb(195,  
180, 203) }
```

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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