

Converting Colors

YUV(181.8630, 7.9555, 15.0291)

Have a look what the booklet for
YUV(181.8630, 7.9555, 15.0291)
contains.

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Color

**YUV(181.8630, 7.9555,
15.0291)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AAC6
RGB	199, 170, 198
RGB Percent	78%, 67%, 78%
CMY	0.2196, 0.3333, 0.2235
CMYK	0.00, 0.15, 0.01, 0.22
HSL	302°, 21%, 72%
HSV	302°, 15%, 78%
XYZ	48.1210, 44.9688, 59.5697
YIQ	181.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

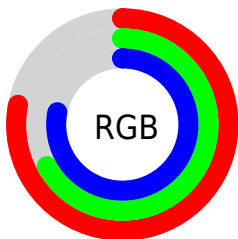
Format	Color
R _Y B	199, 170, 198
Decimal	13085382
CIE Lab	72.87, 15.44, -10.35
CIE LCh	73, 18.588, 326.167
Yxy	44.9688, 0.3152, 0.2946
Android (android.graphics.Color)	4291275462 (0xFFC7AAC6)
YUV	181.8630, 7.9555, 15.0291
Hunter-Lab	67.0588, 10.7377, -5.7274

Details

The YUV color **181.8630, 7.9555, 15.0291** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.1370, -7.9555, -15.0291**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3900, 8.6817, 15.4440**, and **129.0370, 7.3768, 13.9996** is the 20% darker color. If you saturate the color by 10%, you get **170.0090, 13.3066, 25.4251**, and if you desaturate by 10%, it is **193.7170, 2.6045, 4.6332**.

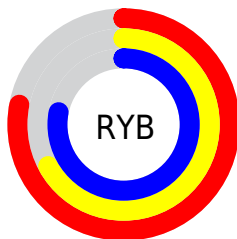
Distribution



Red (78%)

Green (67%)

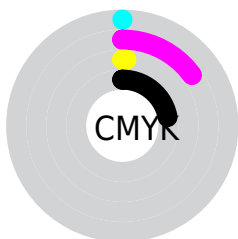
Blue (78%)



Red (78%)

Yellow (67%)

Blue (78%)

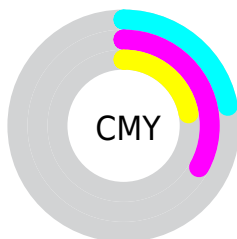


Cyan (0%)

Magenta (15%)

Yellow (1%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.8630, 7.9555, 15.0291 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 181.8630, 7.9555, 15.0291 by changing the saturation by 10% instead.


 181.8630, 7.9555,
15.0291

 181.8630, 7.9555,
15.0291

255.0000, 0.0000,
0.0000


 154.8630, 7.9555,
15.0291

 237.3900, 8.6817,
15.4440


 129.0370, 7.3768,
13.9996

254.4130, 0.2894,
0.5148

 103.7380, 7.5242,
13.3848

 79.3250, 7.2348,
12.8700

 56.4990, 6.6560,
11.8404

 34.4990, 6.6560,
11.8404

 11.4500, 7.6662,

14.5144

■ 0.0000, 0.0000,
0.0000

■ 181.8630, 7.9555,
15.0291

■ 181.8630, 7.9555,
15.0291

■ 170.0090, 13.3066,
25.4251

■ 193.7170, 2.6045,
4.6332

■ 158.2690, 19.0944,
35.7211

■ 205.4570, -3.1833,
-5.6628

■ 146.4150, 24.4454,
46.1170

■ 217.3110, -8.5343,
-16.0587

■ 134.5610, 29.7964,
56.5130

■ 229.1650,
-13.8853, -26.4547

■ 122.8210, 35.5842,
66.8090

■ 232.1000,
-15.3323, -29.0287

■ 111.5540, 40.6459,
76.6901

■ 232.2140,
-14.8955, -29.1287

■ 99.7000, 45.9969,
87.0861

■ 232.3280,
-14.4587, -29.2287

■ 87.9600, 51.7847,
97.3821

■ 232.4420,
-14.0219, -29.3286

■ 81.3890, 54.5312,
103.1448

Harmonies

Analogous

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



180.0720, 14.2615, -0.9401



181.8630, 7.9555, 15.0291



181.8660, 0.0661, 25.5505

Triad

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



181.8630, 7.9555, 15.0291



178.4350, -16.4835, 13.6505



172.1250, 10.2914, -34.3126

Complementary

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



181.8630, 7.9555, 15.0291



187.1370, -7.9555, -15.0291

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.



172.8670, 1.5446, -28.8244



181.8630, 7.9555, 15.0291



176.3300, -13.9667, -0.2894

Square

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



181.8630, 7.9555, 15.0291



179.7830, -14.1900, 24.7463



174.2510, -7.5187, -15.1291



174.2270, 15.6641, -30.8941

Rectangle

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



181.8630, 7.9555, 15.0291



181.6940, -5.7651, 29.2094



174.2510, -7.5187, -15.1291



172.4410, 7.6706, -33.7128

Sweetspot

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



181.8630, 7.9555, 15.0291



249.1300, 2.8939, 5.1480



173.6050, 12.5197, -2.2846



123.7770, 1.5889, 3.7036



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.



181.8630, 7.9555, 15.0291



229.6450, 12.0070, 22.2363



180.2670, 1.8404, 16.4288



93.7170, 2.6045, 4.6332



66.7490, 44.9867, 84.4121



14.6400, 9.5445, 18.7327

Inverse Universe

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



181.8630, 7.9555, 15.0291



229.6450, 12.0070, 22.2363



188.7330, -1.8404, -16.4288



93.7170, 2.6045, 4.6332



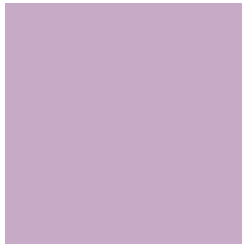
66.7490, 44.9867, 84.4121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 181.8630, 7.9555, 15.0291 looks on a white background.

Color Contrast Check

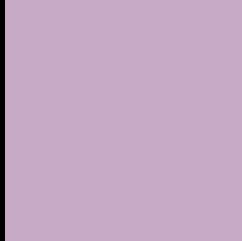
Large Text (above 18pt) WCAG AA × Fail

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 181.8630, 7.9555, 15.0291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

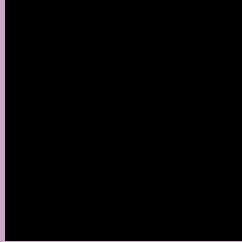
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.8630, 7.9555, 15.0291

Background



This preview shows how black text looks on a background with the YUV color 181.8630, 7.9555, 15.0291.



This preview shows how white text looks on a background with the YUV color 181.8630, 7.9555,

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

181.8630, 7.9555, 15.0291

Protanopia

179.9530, 11.3622, -4.3438

Deuteranopia

180.8080, 7.9827, 6.3074



Tritanopia

181.0710, 2.4300, 13.9697

Trichromacy



Original Color

181.8630, 7.9555, 15.0291

Protanomaly

180.6550, 10.0301, 2.9336

Deuteranomaly

181.4170, 7.6824, 9.2813

Tritanomaly

181.2390, 4.3192, 14.6994

Monochromacy



Original Color

181.8630, 7.9555, 15.0291

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8630, 7.9555, 15.0291 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, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 198)  
}
```

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, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 198) }
```

Border

The CSS property to change the border of an element to YUV 181.8630, 7.9555, 15.0291 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, 170, 198) }
```


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

```
.border{ border-color:rgb(199, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 181.8630, 7.9555, 15.0291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 198) }
```

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

```
.background{ background-color: rgb(199,  
170, 198) }
```

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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