

Converting Colors

YUV(187.8850, 7.9447, 18.5179)

Have a look what the booklet for
YUV(187.8850, 7.9447, 18.5179)
contains.

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Color

**YUV(187.8850, 7.9447,
18.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AECC
RGB	209, 174, 204
RGB Percent	82%, 68%, 80%
CMY	0.1804, 0.3176, 0.2000
CMYK	0.00, 0.17, 0.02, 0.18
HSL	309°, 28%, 75%
HSV	309°, 17%, 82%
XYZ	52.3296, 48.1870, 63.6697
YIQ	187.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

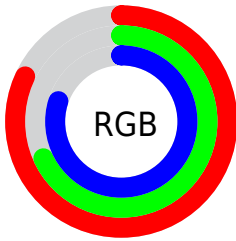
Format	Color
R _Y B	209, 174, 204
Decimal	13741772
CIE Lab	74.94, 17.81, -10.45
CIE LCh	75, 20.645, 329.599
Yxy	48.1870, 0.3187, 0.2935
Android (android.graphics.Color)	4291931852 (0xFFD1AECC)
YUV	187.8850, 7.9447, 18.5179
Hunter-Lab	69.4169, 13.0819, -5.7894

Details

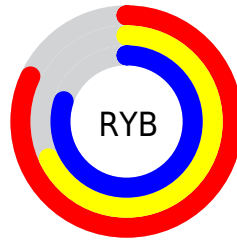
The YUV color **187.8850, 7.9447, 18.5179** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.1150, -7.9447, -18.5179**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **134.1730, 7.8027, 17.3883** is the 20% darker color. If you saturate the color by 10%, you get **175.2160, 12.7115, 29.6286**, and if you desaturate by 10%, it is **200.5540, 3.1779, 7.4071**.

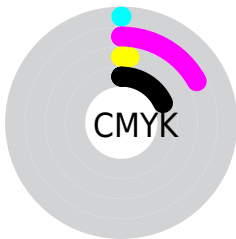
Distribution



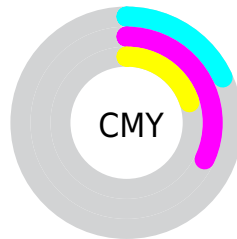
- Red (82%)
- Green (68%)
- Blue (80%)



- Red (82%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.8850, 7.9447, 18.5179 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 187.8850, 7.9447, 18.5179 by changing the saturation by 10% instead.


 187.8850, 7.9447,
18.5179

 187.8850, 7.9447,
18.5179

255.0000, 0.0000,
0.0000


 160.5860, 8.0921,
17.9031

 240.3250, 7.2348,
12.8700

 134.1730, 7.8027,
17.3883

 108.7600, 7.5133,
16.8735

 84.3470, 7.2239,
16.3587

 61.2220, 6.7926,
14.7143

 38.8090, 6.5032,
14.1995

 16.6350, 7.0819,

15.2291

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 187.8850, 7.9447,
18.5179

■ 187.8850, 7.9447,
18.5179

■ 175.2160, 12.7115,
29.6286

■ 200.5540, 3.1779,
7.4071

■ 162.5470, 17.4783,
40.7393

■ 213.2230, -1.5889,
-3.7036

■ 149.8780, 22.2451,
51.8500

■ 225.8920, -6.3558,
-14.8143

■ 137.2090, 27.0120,
62.9607

■ 236.8000,
-10.2544, -24.3806

125.1270, 31.4894,
73.5566

237.1420, -8.9440,
-24.6805

112.4580, 36.2562,
84.6673

237.4840, -7.6336,
-24.9805

99.7890, 41.0230,
95.7780

237.8260, -6.3232,
-25.2804

87.1200, 45.7898,
106.8888

238.1680, -5.0128,
-25.5803

82.8970, 47.3788,
110.5923

238.5100, -3.7024,
-25.8803

Harmonies

Analogous

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



186.6100, 14.9823, 1.2190



187.8850, 7.9447, 18.5179



187.8450, -1.4026, 29.9539

Triad

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



187.8850, 7.9447, 18.5179



183.6800, -18.0832, 13.4356



177.2600, 12.1968, -38.8160

Complementary

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



187.8850, 7.9447, 18.5179



195.1150, -7.9447, -18.5179

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.



177.3010, 3.3026, -32.7130



187.8850, 7.9447, 18.5179



181.6780, -15.1243, -2.3486

Square

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



187.8850, 7.9447, 18.5179



185.8110, -16.6688, 26.4758



179.0440, -6.9237, -19.3326



179.6010, 18.4377, -33.8531

Rectangle

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



187.8850, 7.9447, 18.5179



187.0750, -6.9390, 32.3832



179.0440, -6.9237, -19.3326



176.5760, 9.5760, -38.2162

Sweetspot

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



187.8850, 7.9447, 18.5179



247.1410, 2.8885, 6.8923



179.4850, 14.5509, -0.4253



123.0760, 1.4415, 4.3183



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.



187.8850, 7.9447, 18.5179



224.2650, 11.7014, 26.9546



185.9470, 0.5191, 20.2175



98.3150, 2.3097, 5.8627



66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Inverse Universe

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



187.8850, 7.9447, 18.5179



224.2650, 11.7014, 26.9546



197.0530, -0.5191, -20.2175



98.3150, 2.3097, 5.8627



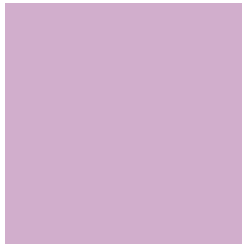
66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 187.8850, 7.9447, 18.5179 looks on a white background.

Color Contrast Check

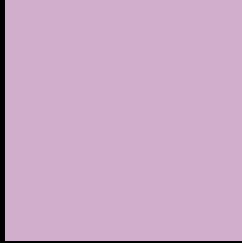
Large Text (above 18pt) WCAG AA × Fail

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 187.8850, 7.9447, 18.5179 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 187.8850, 7.9447, 18.5179

Background



This preview shows how black text looks on a background with the YUV color 187.8850, 7.9447, 18.5179.



This preview shows how white text looks on a background with the YUV color 187.8850, 7.9447,

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

187.8850, 7.9447, 18.5179

Protanopia

185.1810, 12.2358, -4.5437

Deuteranopia

186.8080, 7.9827, 6.3074



Tritanopia

186.8650, 1.5456, 17.6584

Trichromacy



Original Color

187.8850, 7.9447, 18.5179

Protanomaly

186.4810, 10.6089, 3.9632

Deuteranomaly

187.1290, 7.8244, 10.4109

Tritanomaly

187.1470, 3.8715, 18.2881

Monochromacy



Original Color

187.8850, 7.9447, 18.5179

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8850, 7.9447, 18.5179 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(209, 174, 204)` looks like.

```
.text, #text, p{  
    color:rgb(209, 174, 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(209, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 174, 204) }
```

Border

The CSS property to change the border of an element to YUV 187.8850, 7.9447, 18.5179 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(209, 174, 204) }
```


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

```
.border{ border-color:rgb(209, 174, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 174, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 174, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 174, 204);  
box-shadow:4px 4px 4px 4px rgb(209, 174,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 187.8850, 7.9447, 18.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 174, 204) }
```

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

```
.background{ background-color: rgb(209,  
174, 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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