

Converting Colors

YUV(186.9670, 6.9183, 21.0769)

Have a look what the booklet for
YUV(186.9670, 6.9183, 21.0769)
contains.

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Color

**YUV(186.9670, 6.9183,
21.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	D3ACC9
RGB	211, 172, 201
RGB Percent	83%, 67%, 79%
CMY	0.1725, 0.3255, 0.2118
CMYK	0.00, 0.18, 0.05, 0.17
HSL	315°, 31%, 75%
HSV	315°, 18%, 83%
XYZ	52.1591, 47.5710, 61.6914
YIQ	186.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

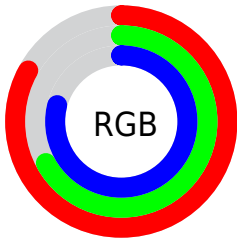
Format	Color
R _Y B	211, 172, 201
Decimal	13872329
CIE Lab	74.55, 19.04, -9.37
CIE LCh	75, 21.219, 333.800
Yxy	47.5710, 0.3231, 0.2947
Android (android.graphics.Color)	4292062409 (0xFFD3ACC9)
YUV	186.9670, 6.9183, 21.0769
Hunter-Lab	68.9717, 14.2882, -4.7514

Details

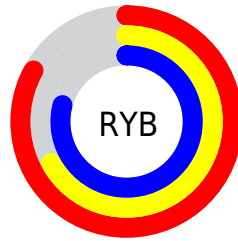
The YUV color **186.9670, 6.9183, 21.0769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.0330, -6.9183, -21.0769**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.8136, 13.8996**, and **133.8420, 6.4869, 19.4326** is the 20% darker color. If you saturate the color by 10%, you get **174.0700, 10.8115, 32.3876**, and if you desaturate by 10%, it is **199.8640, 3.0250, 9.7663**.

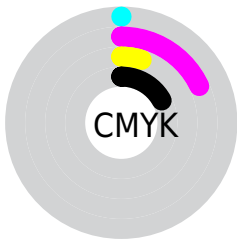
Distribution



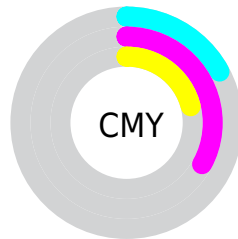
- Red (83%)
- Green (67%)
- Blue (79%)



- Red (83%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9670, 6.9183, 21.0769 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 186.9670, 6.9183, 21.0769 by changing the saturation by 10% instead.

 186.9670, 6.9183,
21.0769


 186.9670, 6.9183,
21.0769


255.0000, 0.0000,
0.0000


 159.6680, 7.0657,
20.4622


 239.1510, 7.8136,
13.8996

 133.8420, 6.4869,
19.4326

 108.4290, 6.1975,
18.9178

 83.7170, 6.0555,
17.7882

 60.4180, 6.2029,
17.1734

 37.7060, 6.0609,
16.0438

 15.5320, 6.6397,

17.0734

■ 0.0000, 0.0000,
0.0000

■ 186.9670, 6.9183,
21.0769

■ 186.9670, 6.9183,
21.0769

■ 174.0700, 10.8115,
32.3876

■ 199.8640, 3.0250,
9.7663

■ 161.0590, 14.2679,
43.7983

■ 212.8750, -0.4314,
-1.6444

■ 148.1620, 18.1611,
55.1089

■ 225.7720, -4.3246,
-12.9550

■ 135.1510, 21.6176,
66.5196

■ 238.1960, -7.4916,
-23.8509

■ 122.2540, 25.5108,
77.8302

■ 238.7660, -5.3076,
-24.3508

■ 108.7700, 29.6934,
89.6557

■ 239.3360, -3.1236,
-24.8507

■ 95.7590, 33.1498,
101.0664

■ 240.0200, -0.5029,
-25.4505

■ 82.8620, 37.0430,
112.3770

■ 240.5900, 1.6811,
-25.9504

■ 80.9870, 37.4744,
114.0214

■ 241.2740, 4.3019,
-26.5503

Harmonies

Analogous

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



185.9200, 14.8294, 3.5782



186.9670, 6.9183, 21.0769



187.2150, -2.5710, 31.3834

Triad

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



186.9670, 6.9183, 21.0769



182.5550, -18.5146, 11.7913



176.0040, 13.8020, -40.3455

Complementary

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



186.9670, 6.9183, 21.0769



196.0330, -6.9183, -21.0769

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.



175.9200, 4.4764, -35.8868



186.9670, 6.9183, 21.0769



180.1830, -14.3872, -5.4225

Square

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



186.9670, 6.9183, 21.0769



183.9850, -17.2476, 25.4462



177.6630, -5.7499, -22.5065



178.5410, 19.4533, -32.9235

Rectangle

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



186.9670, 6.9183, 21.0769



186.0320, -8.3968, 33.2979



177.6630, -5.7499, -22.5065



175.3200, 11.1812, -39.7456

Sweetspot

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



186.9670, 6.9183, 21.0769



245.7390, 2.5937, 8.1219



179.4360, 15.5611, 2.2486



122.3750, 1.2941, 4.9331



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.



186.9670, 6.9183, 21.0769



220.5320, 10.0907, 30.2284



184.8010, -1.3809, 22.9765



98.2010, 1.8729, 5.9627



64.4820, 29.8354, 90.7853



15.6790, 7.0603, 22.2065

Inverse Universe

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



186.9670, 6.9183, 21.0769



220.5320, 10.0907, 30.2284



198.1990, 1.3809, -22.9765



98.2010, 1.8729, 5.9627



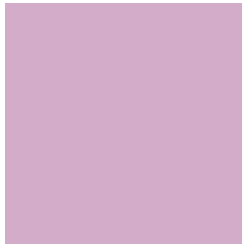
64.4820, 29.8354, 90.7853



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 186.9670, 6.9183, 21.0769 looks on a white background.

Color Contrast Check

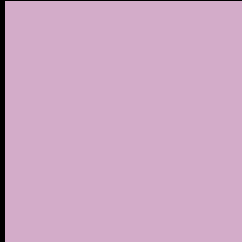
Large Text (above 18pt) WCAG AA × Fail

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 186.9670, 6.9183, 21.0769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

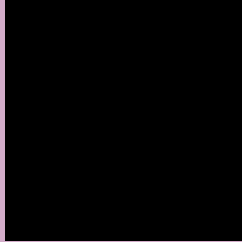
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.9670, 6.9183, 21.0769

Background



This preview shows how black text looks on a background with the YUV color 186.9670, 6.9183, 21.0769.



This preview shows how white text looks on a background with the YUV color 186.9670, 6.9183,

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

186.9670, 6.9183, 21.0769

Protanopia

184.2520, 11.2148, -3.7290

Deuteranopia

185.2920, 7.2510, 7.6369



Tritanopia

186.0610, 0.9559, 20.1175

Trichromacy



Original Color

186.9670, 6.9183, 21.0769

Protanomaly

184.9650, 9.8773, 5.2927

Deuteranomaly

185.9120, 6.9454, 12.3552

Tritanomaly

186.3430, 3.2819, 20.7472

Monochromacy



Original Color

186.9670, 6.9183, 21.0769

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.3260, 2.3043, 7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9670, 6.9183, 21.0769 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(211, 172, 201)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 201)  
}
```

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(211, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 201) }
```

Border

The CSS property to change the border of an element to YUV 186.9670, 6.9183, 21.0769 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(211, 172, 201) }
```


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

```
.border{ border-color:rgb(211, 172, 201) }
```

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

Here you see how a box with a 4 pixel rgb(211, 172, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 186.9670, 6.9183, 21.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 172, 201) }
```

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

```
.background{ background-color: rgb(211,  
172, 201) }
```

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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