

Converting Colors

YUV(179.8700, 4.0081, 21.1620)

Have a look what the booklet for
YUV(179.8700, 4.0081, 21.1620)
contains.

YUV(179.8700, 4.0081, 21.1620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(179.8700, 4.0081,
21.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA6BC
RGB	204, 166, 188
RGB Percent	80%, 65%, 74%
CMY	0.2000, 0.3490, 0.2627
CMYK	0.00, 0.19, 0.08, 0.20
HSL	325°, 27%, 73%
HSV	325°, 19%, 80%
XYZ	47.6152, 43.7406, 53.5102
YIQ	179.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

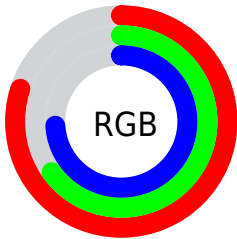
Format	Color
R_{YB}	204, 166, 188
Decimal	13412028
CIE Lab	72.05, 17.56, -6.01
CIE LCh	72, 18.559, 341.102
Yxy	43.7406, 0.3287, 0.3019
Android (android.graphics.Color)	4291602108 (0xFFCCA6BC)
YUV	179.8700, 4.0081, 21.1620
Hunter-Lab	66.1367, 12.7719, -1.6749

Details

The YUV color **179.8700, 4.0081, 21.1620** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.1300, -4.0081, -21.1620**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.7880, 5.0345, 18.6029**, and **126.8590, 4.0135, 19.4177** is the 20% darker color. If you saturate the color by 10%, you get **167.1040, 5.8647, 32.3578**, and if you desaturate by 10%, it is **192.6360, 2.1515, 9.9662**.

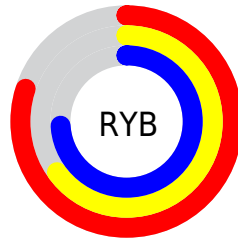
Distribution



Red (80%)

Green (65%)

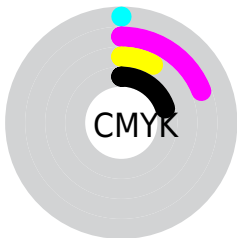
Blue (74%)



Red (80%)

Yellow (65%)

Blue (74%)

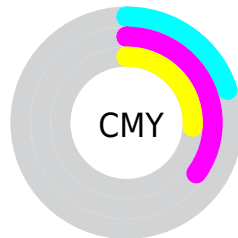


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (35%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.8700, 4.0081, 21.1620 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 179.8700, 4.0081, 21.1620 by changing the saturation by 10% instead.

 179.8700, 4.0081,
21.1620


 179.8700, 4.0081,
21.1620


255.0000, 0.0000,
0.0000

 153.1580, 3.8661,
20.0324

 233.7880, 5.0345,
18.6029


 126.8590, 4.0135,
19.4177

 252.0650, 1.4470,
2.5740

 101.4460, 3.7241,
18.9029

 77.7340, 3.5821,
17.7733

 54.4350, 3.7295,
17.1585

 32.7230, 3.5876,
16.0289

 11.5490, 4.1663,

17.0585

■ 0.0000, 0.0000,
0.0000

■ 179.8700, 4.0081,
21.1620

■ 179.8700, 4.0081,
21.1620

■ 167.1040, 5.8647,
32.3578

■ 192.6360, 2.1515,
9.9662

■ 153.8650, 8.4476,
43.9684

■ 205.8750, -0.4314,
-1.6444

■ 141.0990, 10.3042,
55.1642

■ 218.6410, -2.2880,
-12.8402

■ 127.8600, 12.8870,
66.7748

■ 231.8800, -4.8708,
-24.4508

■ 115.0940, 14.7437,
77.9706

■ 237.0150, -2.9654,
-28.9542

■ 102.3280, 16.6003,
89.1663

■ 238.0410, 0.9658,
-29.8540

■ 89.0890, 19.1831,
100.7769

■ 238.9530, 4.4602,
-30.6538

■ 76.3230, 21.0398,
111.9727

■ 239.7510, 7.5178,
-31.3536

■ 74.4480, 21.4711,
113.6171

Harmonies

Analogous

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



178.7310, 11.4716, 7.2519



179.8700, 4.0081, 21.1620



179.7370, -4.3073, 28.2947

Triad

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



179.8700, 4.0081, 21.1620



174.9180, -15.7356, 7.0879



170.6350, 13.4909, -33.8829

Complementary

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



179.8700, 4.0081, 21.1620



190.1300, -4.0081, -21.1620

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.



170.2840, 5.7760, -32.6981



179.8700, 4.0081, 21.1620



173.0840, -10.8874, -7.9667

Square

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



179.8700, 4.0081, 21.1620



177.2940, -15.9209, 19.9132



171.6460, -3.2765, -22.4915



173.3140, 17.1002, -24.8314

Rectangle

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



179.8700, 4.0081, 21.1620



179.0700, -9.4015, 28.8796



171.6460, -3.2765, -22.4915



170.3530, 11.1650, -34.5126

Sweetspot

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



179.8700, 4.0081, 21.1620



245.5110, 1.7201, 8.3219



175.1160, 14.2398, 6.0373



122.2610, 0.8573, 5.0331



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.



179.8700, 4.0081, 21.1620



219.3920, 5.7227, 31.2282



177.7040, -4.2911, 23.0616



95.6740, 1.1467, 5.5479



60.5780, 17.4630, 92.4551



13.8700, 4.0081, 21.1620

Inverse Universe

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



179.8700, 4.0081, 21.1620



219.3920, 5.7227, 31.2282



192.2960, 4.2911, -23.0616



95.6740, 1.1467, 5.5479



60.5780, 17.4630, 92.4551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 179.8700, 4.0081, 21.1620 looks on a white background.

Color Contrast Check

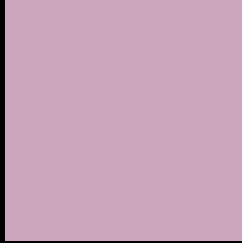
Large Text (above 18pt) WCAG AA × Fail

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 179.8700, 4.0081, 21.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

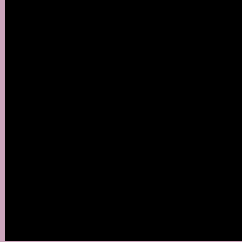
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.8700, 4.0081, 21.1620

Background



This preview shows how black text looks on a background with the YUV color 179.8700, 4.0081, 21.1620.



This preview shows how white text looks on a background with the YUV color 179.8700, 4.0081,

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

179.8700, 4.0081, 21.1620

Protanopia

177.7530, 8.0098, -2.4144

Deuteranopia

178.7930, 4.0461, 8.9515



Tritanopia

179.2460, 0.3717, 20.8323

Trichromacy



Original Color

179.8700, 4.0081, 21.1620

Protanomaly

178.4660, 6.6723, 6.6073

Deuteranomaly

179.1140, 3.8878, 13.0550

Tritanomaly

179.5880, 1.6821, 20.5323

Monochromacy



Original Color

179.8700, 4.0081, 21.1620

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8700, 4.0081, 21.1620 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(204, 166, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 166, 188)  
}
```

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(204, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 166, 188) }
```

Border

The CSS property to change the border of an element to YUV 179.8700, 4.0081, 21.1620 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(204, 166, 188) }
```


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

```
.border{ border-color:rgb(204, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 166,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 179.8700, 4.0081, 21.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 166, 188) }
```

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

```
.background{ background-color: rgb(204,  
166, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor