

Converting Colors

YUV(171.8700, 4.0081, 21.1620)

Have a look what the booklet for
YUV(171.8700, 4.0081, 21.1620)
contains.

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Color

**YUV(171.8700, 4.0081,
21.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	C49EB4
RGB	196, 158, 180
RGB Percent	77%, 62%, 71%
CMY	0.2314, 0.3804, 0.2941
CMYK	0.00, 0.19, 0.08, 0.23
HSL	325°, 24%, 69%
HSV	325°, 19%, 77%
XYZ	43.2300, 39.4848, 48.5229
YIQ	171.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

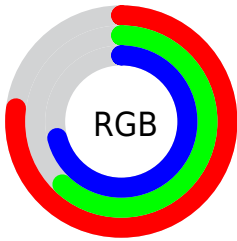
Format	Color
R_{YB}	196, 158, 180
Decimal	12885684
CIE _{Lab}	69.10, 17.71, -6.04
CIE _{LCh}	69, 18.707, 341.164
Yxy	39.4848, 0.3294, 0.3009
Android (android.graphics.Color)	4291075764 (0xFFC49EB4)
YUV	171.8700, 4.0081, 21.1620
Hunter-Lab	62.8369, 12.8384, -1.7981

Details

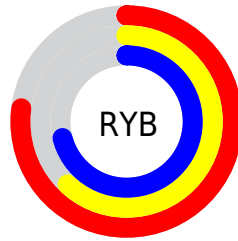
The YUV color **171.8700, 4.0081, 21.1620** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.1300, -4.0081, -21.1620**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5820, 4.1501, 22.2916**, and **119.1580, 3.8661, 20.0324** is the 20% darker color. If you saturate the color by 10%, you get **159.2180, 6.3015, 32.2578**, and if you desaturate by 10%, it is **184.5220, 1.7147, 10.0662**.

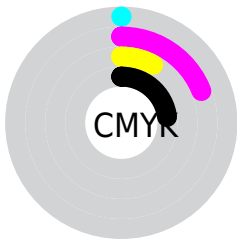
Distribution



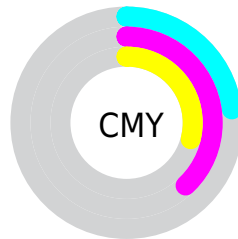
- Red (77%)
- Green (62%)
- Blue (71%)



- Red (77%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (23%)




- Cyan (23%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8700, 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 171.8700, 4.0081, 21.1620 by changing the saturation by 10% instead.


 171.8700, 4.0081,
21.1620

 171.8700, 4.0081,
21.1620


255.0000, 0.0000,
0.0000

 145.4570, 3.7187,
20.6472

 227.5820, 4.1501,
22.2916

 119.1580, 3.8661,
20.0324

 246.7820, 4.0515,
7.2072

 94.4460, 3.7241,
18.9029

 70.7340, 3.5821,
17.7733

 48.0220, 3.4402,
16.6437

 26.4240, 3.7350,
15.4142

 8.4300, 1.2670,

13.6549

■ 0.0000, 0.0000,
0.0000

■ 171.8700, 4.0081,
21.1620

■ 171.8700, 4.0081,
21.1620

■ 159.2180, 6.3015,
32.2578

■ 184.5220, 1.7147,
10.0662

■ 147.0390, 7.8688,
42.9388

■ 196.7010, 0.1474,
-0.6148

■ 134.3870, 10.1622,
54.0346

■ 209.3530, -2.1460,
-11.7106

■ 122.3220, 12.1663,
64.6156

■ 221.4180, -4.1501,
-22.2916

■ 109.6700, 14.4597,
75.7114

■ 233.4830, -6.1541,
-32.8726

■ 96.9040, 16.3163,
86.9072

■ 234.5090, -2.2229,
-33.7724

■ 84.8390, 18.3204,
97.4882

■ 235.4210, 1.2714,
-34.5722

■ 72.1870, 20.6138,
108.5840

■ 236.3330, 4.7658,
-35.3720

■ 71.4860, 20.4664,
109.1988

■ 237.2450, 8.2602,
-36.1719

Harmonies

Analogous

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



171.0300, 11.3242, 7.8667



171.8700, 4.0081, 21.1620



171.7370, -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.



171.8700, 4.0081, 21.1620



167.5050, -16.0250, 6.5731



162.6350, 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.



171.8700, 4.0081, 21.1620



182.1300, -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.



162.3980, 6.2128, -32.7980



171.8700, 4.0081, 21.1620



165.0840, -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.



171.8700, 4.0081, 21.1620



169.2940, -15.9209, 19.9132



163.6460, -3.2765, -22.4915



165.3140, 17.1002, -24.8314

Rectangle

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



171.8700, 4.0081, 21.1620



171.0700, -9.4015, 28.8796



163.6460, -3.2765, -22.4915



162.4670, 11.6018, -34.6126

Sweetspot

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



171.8700, 4.0081, 21.1620



245.5110, 1.7201, 8.3219



167.1160, 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.



171.8700, 4.0081, 21.1620



217.5170, 6.1541, 32.8726



169.7040, -4.2911, 23.0616



90.6740, 1.1467, 5.5479



58.7410, 16.8897, 89.6811



12.0330, 3.4347, 18.3881

Inverse Universe

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



171.8700, 4.0081, 21.1620



217.5170, 6.1541, 32.8726



184.2960, 4.2911, -23.0616



90.6740, 1.1467, 5.5479



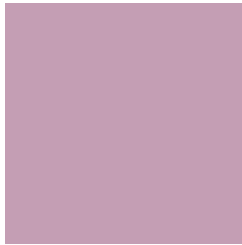
58.7410, 16.8897, 89.6811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 171.8700, 4.0081, 21.1620 looks on a white background.

Color Contrast Check

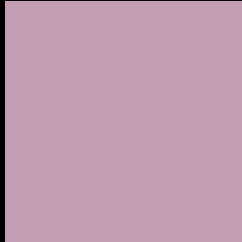
Large Text (above 18pt) WCAG AA × Fail

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 171.8700, 4.0081, 21.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

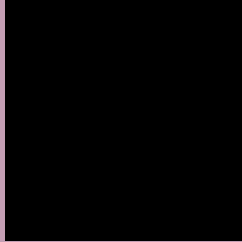
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.8700, 4.0081, 21.1620

Background



This preview shows how black text looks on a background with the YUV color 171.8700, 4.0081, 21.1620.



This preview shows how white text looks on a background with the YUV color 171.8700, 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

171.8700, 4.0081, 21.1620

Protanopia

169.7530, 8.0098, -2.4144

Deuteranopia

170.7930, 4.0461, 8.9515



Tritanopia

171.2460, 0.3717, 20.8323

Trichromacy



Original Color

171.8700, 4.0081, 21.1620

Protanomaly

170.4660, 6.6723, 6.6073

Deuteranomaly

171.1140, 3.8878, 13.0550

Tritanomaly

171.5880, 1.6821, 20.5323

Monochromacy



Original Color

171.8700, 4.0081, 21.1620

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8700, 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(196, 158, 180)` looks like.

```
.text, #text, p{  
    color:rgb(196, 158, 180)  
}
```

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(196, 158, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 158, 180) }
```

Border

The CSS property to change the border of an element to YUV 171.8700, 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(196, 158, 180) }
```


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

```
.border{ border-color:rgb(196, 158, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 158, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 158, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 158, 180);  
box-shadow:4px 4px 4px 4px rgb(196, 158,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 171.8700, 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(196, 158, 180) }
```

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

```
.background{ background-color: rgb(196,  
158, 180) }
```

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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