

Converting Colors

YUV(171.3000, 1.8241, 21.6619)

Have a look what the booklet for
YUV(171.3000, 1.8241, 21.6619)
contains.

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Color

**YUV(171.3000, 1.8241,
21.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	C49EAF
RGB	196, 158, 175
RGB Percent	77%, 62%, 69%
CMY	0.2314, 0.3804, 0.3137
CMYK	0.00, 0.19, 0.11, 0.23
HSL	333°, 24%, 69%
HSV	333°, 19%, 77%
XYZ	42.7297, 39.2846, 45.8880
YIQ	171.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

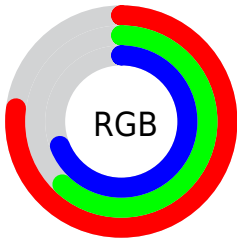
Format	Color
RYB	196, 158, 175
Decimal	12885679
CIELab	68.96, 16.84, -3.47
CIElCh	69, 17.191, 348.350
Yxy	39.2846, 0.3341, 0.3071
Android (android.graphics.Color)	4291075759 (0xFFC49EAF)
YUV	171.3000, 1.8241, 21.6619
Hunter-Lab	62.6775, 12.0049, 0.4662

Details

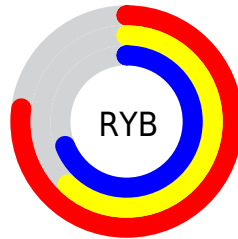
The YUV color **171.3000, 1.8241, 21.6619** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.7000, -1.8241, -21.6619**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8980, 1.5293, 22.8915**, and **118.7020, 2.1189, 20.4323** is the 20% darker color. If you saturate the color by 10%, you get **158.3060, 2.8071, 33.0576**, and if you desaturate by 10%, it is **184.2940, 0.8411, 10.2662**.

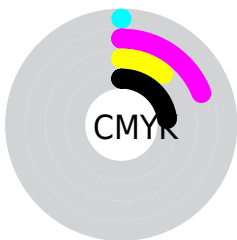
Distribution



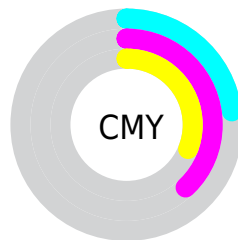
- Red (77%)
- Green (62%)
- Blue (69%)



- Red (77%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3000, 1.8241, 21.6619 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 171.3000, 1.8241, 21.6619 by changing the saturation by 10% instead.

 171.3000, 1.8241,
21.6619


 171.3000, 1.8241,
21.6619


255.0000, 0.0000,
0.0000


 144.8870, 1.5347,
21.1471


 226.8980, 1.5293,
22.8915


 118.7020, 2.1189,
20.4323

 246.7820, 4.0515,
7.2072

 93.9900, 1.9769,
19.3028

 70.2780, 1.8349,
18.1732

 47.5660, 1.6930,
17.0436

 25.9680, 1.9878,
15.8141

 7.7460, -1.3538,

14.2548

■ 0.0000, 0.0000,
0.0000

■ 171.3000, 1.8241,
21.6619

■ 171.3000, 1.8241,
21.6619

■ 158.3060, 2.8071,
33.0576

■ 184.2940, 0.8411,
10.2662

■ 145.8990, 3.5008,
43.9386

■ 196.7010, 0.1474,
-0.6148

■ 133.0190, 4.9206,
55.2343

■ 209.5810, -1.2724,
-11.9105

■ 120.6120, 5.6143,
66.1153

■ 221.9880, -1.9661,
-22.7915

■ 107.6180, 6.5973,
77.5110

■ 234.3950, -2.6597,
-33.6724

■ 94.6240, 7.5804,
88.9068

■ 235.6490, 2.1450,
-34.7722

■ 82.2170, 8.2740,
99.7877

■ 236.9030, 6.9498,
-35.8719

■ 69.2230, 9.2571,
111.1834

■ 237.3590, 8.6970,
-36.2718

■ 68.6360, 9.5465,
111.6982

Harmonies

Analogous

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



170.7700, 8.9874, 10.7257



171.3000, 1.8241, 21.6619



170.9710, -5.9017, 26.3354

Triad

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



171.3000, 1.8241, 21.6619



166.4660, -13.5407, 3.0993



163.3690, 13.6221, -29.2646

Complementary

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



171.3000, 1.8241, 21.6619



182.7000, -1.8241, -21.6619

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.



162.0500, 7.3703, -30.7389



171.3000, 1.8241, 21.6619



164.3440, -8.5506, -10.8257

Square

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



171.3000, 1.8241, 21.6619



168.2010, -14.8891, 15.6097



163.2160, -1.0925, -22.9914



166.2930, 15.6316, -20.4280

Rectangle

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



171.3000, 1.8241, 21.6619



170.2330, -9.9749, 26.1057



163.2160, -1.0925, -22.9914



162.6030, 12.0277, -31.2238

Sweetspot

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



171.3000, 1.8241, 21.6619



245.2830, 0.8465, 8.5218



168.6110, 13.5028, 9.1112



122.1470, 0.4205, 5.1331



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.



171.3000, 1.8241, 21.6619



216.7190, 3.0965, 33.5724



170.5360, -6.1802, 22.3319



90.5600, 0.7099, 5.6479



56.3470, 7.7169, 91.7807



11.5770, 1.6875, 18.7880

Inverse Universe

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



171.3000, 1.8241, 21.6619



216.7190, 3.0965, 33.5724



183.4640, 6.1802, -22.3319



90.5600, 0.7099, 5.6479



56.3470, 7.7169, 91.7807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 171.3000, 1.8241, 21.6619 looks on a white background.

Color Contrast Check

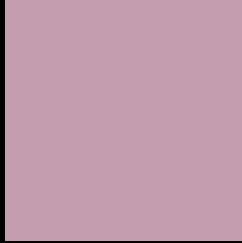
Large Text (above 18pt) WCAG AA × Fail

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 171.3000, 1.8241, 21.6619 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 171.3000, 1.8241, 21.6619

Background



This preview shows how black text looks on a background with the YUV color 171.3000, 1.8241, 21.6619.



This preview shows how white text looks on a background with the YUV color 171.3000, 1.8241,

21.6619.

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

171.3000, 1.8241, 21.6619

Protanopia

168.8950, 5.9678, -0.7849

Deuteranopia

169.9350, 2.0040, 10.5810



Tritanopia

171.1320, -0.0651, 20.9322

Trichromacy



Original Color

171.3000, 1.8241, 21.6619

Protanomaly

169.8960, 4.4883, 7.1072

Deuteranomaly

170.2560, 1.8458, 14.6845

Tritanomaly

171.2460, 0.3717, 20.8323

Monochromacy



Original Color

171.3000, 1.8241, 21.6619

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8700, 0.5571, 8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3000, 1.8241, 21.6619 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 158, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 158, 175) }
```

Border

The CSS property to change the border of an element to YUV 171.3000, 1.8241, 21.6619 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, 175) }
```


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

```
.border{ border-color:rgb(196, 158, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 158, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 158, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 158,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 171.3000, 1.8241, 21.6619 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, 175) }
```

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

```
.background{ background-color: rgb(196,  
158, 175) }
```

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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