

Converting Colors

YUV(176.8820, 19.2852,
21.1515)

Have a look what the booklet for
YUV(176.8820, 19.2852, 21.1515)
contains.

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Color

**YUV(176.8820, 19.2852,
21.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	C99DD8
RGB	201, 157, 216
RGB Percent	79%, 62%, 85%
CMY	0.2118, 0.3843, 0.1529
CMYK	0.07, 0.27, 0.00, 0.15
HSL	285°, 43%, 73%
HSV	285°, 27%, 85%
XYZ	48.5390, 41.4893, 70.4157
YIQ	176.8820, 7.2850, 27.6770

Conversions

Conversions Part 2

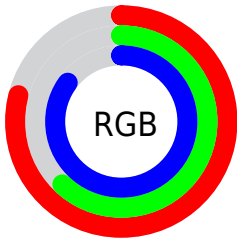
Format	Color
R _Y B	201, 157, 216
Decimal	13213144
CIE Lab	70.52, 26.74, -23.79
CIE LCh	71, 35.787, 318.342
Yxy	41.4893, 0.3025, 0.2586
Android (android.graphics.Color)	4291403224 (0xFFC99DD8)
YUV	176.8820, 19.2852, 21.1515
Hunter-Lab	64.4122, 21.7907, -19.7275

Details

The YUV color **176.8820, 19.2852, 21.1515** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.1180, -19.2852, -21.1515**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **123.6430, 18.4170, 19.6071** is the 20% darker color. If you saturate the color by 10%, you get **162.4730, 26.3888, 29.4032**, and if you desaturate by 10%, it is **191.2910, 12.1815, 12.8998**.

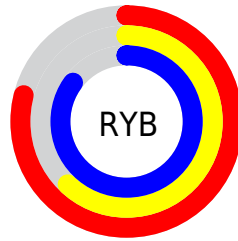
Distribution



Red (79%)

Green (62%)

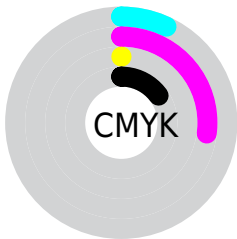
Blue (85%)



Red (79%)

Yellow (62%)

Blue (85%)

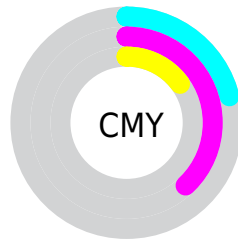


Cyan (7%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (21%)


Magenta (38%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.8820, 19.2852, 21.1515 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 176.8820, 19.2852, 21.1515 by changing the saturation by 10% instead.


 176.8820, 19.2852,
21.1515


 176.8820, 19.2852,
21.1515


255.0000, 0.0000,
0.0000


 150.0560, 18.7064,
20.1219


 229.7590, 12.4438,
22.1364


 123.6430, 18.4170,
19.6071

 246.1950, 4.3409,
7.7220

 98.8170, 17.8382,
18.5775

 74.2900, 17.1120,
18.1627

 50.5780, 16.9700,
17.0331

 28.0510, 16.2439,
16.6183

 13.2310, 13.1971,

13.8294

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 176.8820, 19.2852,
21.1515

■ 176.8820, 19.2852,
21.1515

■ 162.4730, 26.3888,
29.4032

■ 191.2910, 12.1815,
12.8998

■ 148.3520, 33.3505,
36.5253

■ 205.4120, 5.2199,
5.7777

■ 133.9430, 40.4541,
44.7770

■ 219.8210, -1.8838,
-2.4740

■ 119.8220, 47.4158,
51.8991

■ 233.9420, -8.8454,
-9.5961

105.4130, 54.5194,
60.1508

242.4810,
-13.0551, -12.6998

90.7050, 61.7704,
67.7877

244.2750,
-13.9396, -9.0112

76.8830, 68.5847,
75.5246

245.7700,
-14.6766, -5.9373

72.7630, 70.6158,
77.3838

247.5640,
-15.5611, -2.2486

249.0590,
-16.2981, 0.8253

Harmonies

Analogous

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



173.1210, 30.0133, -13.2611



176.8820, 19.2852, 21.1515



176.9530, 4.9532, 44.7682

Triad

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



176.8820, 19.2852, 21.1515



171.4620, -30.7938, 30.2898



150.4610, 20.4787, -81.9653

Complementary

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



176.8820, 19.2852, 21.1515



196.1180, -19.2852, -21.1515

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.



157.9580, 0.0207, -53.4602



176.8820, 19.2852, 21.1515



168.4650, -28.8232, 4.8542

Square

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



176.8820, 19.2852, 21.1515



173.4070, -23.8647, 47.8781



164.1500, -17.8220, -23.8106



151.8920, 33.5772, -83.2203

Rectangle

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



176.8820, 19.2852, 21.1515



175.5490, -5.6937, 53.0155



164.1500, -17.8220, -23.8106



152.7950, 13.9051, -73.4882

Sweetspot

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



176.8820, 19.2852, 21.1515



241.7650, 6.5249, 7.2221



173.1180, 21.1408, -14.1355



119.1730, 4.3517, 4.2333



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.



176.8820, 19.2852, 21.1515



199.4130, 27.4044, 30.3328



179.7710, 10.9589, 31.7728



99.6460, 3.6255, 3.8185



57.4670, 55.9718, 60.9804



14.4700, 14.0653, 15.3738

Inverse Universe

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



176.3510, -2.1450, 34.7722



198.5100, -3.2094, 49.5417



193.2290, -10.9589, -31.7728



99.6310, -0.3111, 6.4626



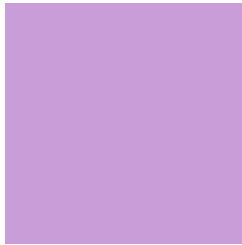
56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 176.8820, 19.2852, 21.1515 looks on a white background.

Color Contrast Check

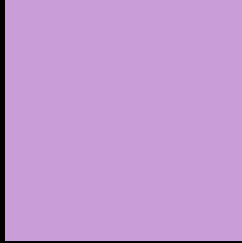
Large Text (above 18pt) WCAG AA × Fail

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 176.8820, 19.2852, 21.1515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

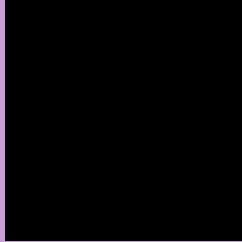
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.8820, 19.2852, 21.1515

Background



This preview shows how black text looks on a background with the YUV color 176.8820, 19.2852, 21.1515.



This preview shows how white text looks on a background with the YUV color 176.8820, 19.2852,

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

176.8820, 19.2852, 21.1515

Protanopia

173.3830, 25.9402, -13.4909

Deuteranopia

174.1300, 19.6559, -4.4990



Tritanopia

174.7510, 1.1088, 17.7584

Trichromacy



Original Color

176.8820, 19.2852, 21.1515

Protanomaly

174.7760, 23.2814, -0.6806

Deuteranomaly

175.4840, 19.4814, 4.8375

Tritanomaly

175.1840, 7.7973, 19.1326

Monochromacy



Original Color

176.8820, 19.2852, 21.1515

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.1780, 6.8142, 7.7369

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8820, 19.2852, 21.1515 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(201, 157, 216)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 216)  
}
```

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(201, 157, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 216) }
```

Border

The CSS property to change the border of an element to YUV 176.8820, 19.2852, 21.1515 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(201, 157, 216) }
```


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

```
.border{ border-color:rgb(201, 157, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 157, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 157, 216); box-shadow:4px 4px 4px 4px rgb(201, 157, 216) }
```

Background

The CSS property to change the background color of an element to YUV 176.8820, 19.2852, 21.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 216) }
```

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

```
.background{ background-color: rgb(201,  
157, 216) }
```

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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