

Converting Colors

YUV(173.0880, 20.1696,
17.4628)

Have a look what the booklet for
YUV(173.0880, 20.1696, 17.4628)
contains.

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Color

**YUV(173.0880, 20.1696,
17.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	C19BD6
RGB	193, 155, 214
RGB Percent	76%, 61%, 84%
CMY	0.2431, 0.3922, 0.1608
CMYK	0.10, 0.28, 0.00, 0.16
HSL	279°, 42%, 72%
HSV	279°, 28%, 84%
XYZ	45.8513, 39.6352, 68.8521
YIQ	173.0880, 3.7090, 26.4050

Conversions

Conversions Part 2

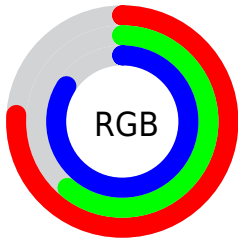
Format	Color
R_{YB}	193, 155, 214
Decimal	12688342
CIE _{Lab}	69.21, 24.86, -24.75
CIE _{LCh}	69, 35.082, 315.123
Yxy	39.6352, 0.2971, 0.2568
Android (android.graphics.Color)	4290878422 (0xFFC19BD6)
YUV	173.0880, 20.1696, 17.4628
Hunter-Lab	62.9565, 19.8279, -20.7727

Details

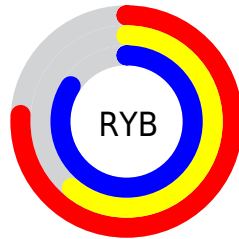
The YUV color $173.0880, 20.1696, 17.4628$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $195.9120, -20.1696, -17.4628$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.0900, 13.7596, 20.0921$, and $120.1480, 19.1540, 16.5332$ is the 20% darker color. If you saturate the color by 10%, you get $158.3690, 27.4261, 23.3554$, and if you desaturate by 10%, it is $187.8070, 12.9131, 11.5703$.

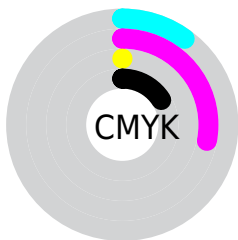
Distribution



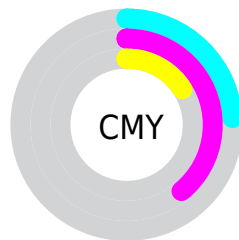
- Red (76%)
- Green (61%)
- Blue (84%)



- Red (76%)
- Yellow (61%)
- Blue (84%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0880, 20.1696, 17.4628 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 173.0880, 20.1696, 17.4628 by changing the saturation by 10% instead.

■ 173.0880, 20.1696,
17.4628

■ 173.0880, 20.1696,
17.4628

255.0000, 0.0000,
0.0000

■ 146.5610, 19.4434,
17.0480

■ 227.0900, 13.7596,
20.0921

■ 120.1480, 19.1540,
16.5332

■ 245.0210, 4.9196,
8.7516

■ 95.3220, 18.5753,
15.5036

■ 71.3820, 17.5597,
14.5740

■ 47.6700, 17.4177,
13.4444

■ 25.2570, 17.1283,
12.9296

■ 10.9100, 13.3554,

9.7259

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 173.0880, 20.1696,
17.4628

■ 173.0880, 20.1696,
17.4628

■ 158.3690, 27.4261,
23.3554

■ 187.8070, 12.9131,
11.5703

■ 143.3620, 34.8245,
30.3775

■ 202.8140, 5.5147,
4.5481

■ 128.6430, 42.0810,
36.2701

■ 217.5330, -1.7418,
-1.3444

■ 113.6360, 49.4795,
43.2922

■ 232.5400, -9.1402,
-8.3666

98.9170, 56.7359,
49.1848

243.1500,
-14.3710, -10.6556

84.1980, 63.9924,
55.0774

245.5420,
-15.5502, -5.7373

69.1910, 71.3908,
62.0995

247.6350,
-16.5821, -1.4339

65.6580, 73.1326,
63.4439

250.0270,
-17.7613, 3.4843

250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



168.5120, 30.3136, -16.2350



173.0880, 20.1696, 17.4628



172.9850, 6.4164, 42.1092

Triad

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



173.0880, 20.1696, 17.4628



168.4020, -29.7782, 31.2194



148.3970, 17.5523, -76.6472

Complementary

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



173.0880, 20.1696, 17.4628



195.9120, -20.1696, -17.4628

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.



155.5240, -1.7373, -49.5715



173.0880, 20.1696, 17.4628



165.1880, -28.6867, 7.7281

Square

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



173.0880, 20.1696, 17.4628



170.1620, -22.2649, 48.0929



161.2430, -18.8538, -19.5071



147.8490, 32.1194, -82.3056

Rectangle

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



173.0880, 20.1696, 17.4628



172.1080, -3.5042, 50.7713



161.2430, -18.8538, -19.5071



150.8450, 11.4154, -68.2701

Sweetspot

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



173.0880, 20.1696, 17.4628



241.1670, 6.8197, 5.9925



174.6400, 19.4045, -17.2243



118.8740, 4.4991, 3.6185



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.



173.0880, 20.1696, 17.4628



196.7220, 28.7311, 24.7998



178.4550, 13.5797, 31.1730



99.3470, 3.7729, 3.2037



52.3840, 58.4777, 50.5292



13.2740, 14.6549, 12.9147

Inverse Universe

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



175.0350, 0.4757, 34.1723



199.5360, 0.7218, 48.6419



190.5450, -13.5797, -31.1730



99.7450, 0.1257, 6.3626



58.0830, 1.4381, 99.0282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 173.0880, 20.1696, 17.4628 looks on a white background.

Color Contrast Check

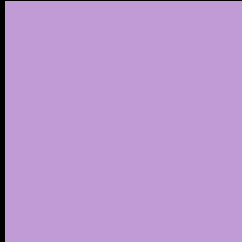
Large Text (above 18pt) WCAG AA × Fail

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 173.0880, 20.1696, 17.4628 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 173.0880, 20.1696, 17.4628

Background



This preview shows how black text looks on a background with the YUV color 173.0880, 20.1696, 17.4628.



This preview shows how white text looks on a background with the YUV color 173.0880, 20.1696, 17.4628.

17.4628.

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

173.0880, 20.1696, 17.4628

Protanopia

169.4970, 26.3770, -13.5909

Deuteranopia

170.6460, 20.3875, -5.8285



Tritanopia

170.9570, 1.9932, 14.0697

Trichromacy



Original Color

173.0880, 20.1696, 17.4628

Protanomaly

170.9930, 24.1605, -2.6249

Deuteranomaly

171.7010, 20.3604, 2.8932

Tritanomaly

171.3900, 8.6817, 15.4440

Monochromacy



Original Color

173.0880, 20.1696, 17.4628

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6940, 7.5459, 6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0880, 20.1696, 17.4628 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(193, 155, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 155, 214)  
}
```

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(193, 155, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 155, 214) }
```

Border

The CSS property to change the border of an element to YUV 173.0880, 20.1696, 17.4628 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(193, 155, 214) }
```


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

```
.border{ border-color:rgb(193, 155, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 155, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 155, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 155, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 155,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 173.0880, 20.1696, 17.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 155, 214) }
```

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

```
.background{ background-color: rgb(193,  
155, 214) }
```

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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