

Converting Colors

YUV(193.0880, 20.1696,
17.4628)

Have a look what the booklet for
YUV(193.0880, 20.1696, 17.4628)
contains.

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Color

**YUV(193.0880, 20.1696,
17.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AFE4
RGB	213, 175, 234
RGB Percent	84%, 69%, 92%
CMY	0.1647, 0.3137, 0.0824
CMYK	0.09, 0.25, 0.00, 0.08
HSL	279°, 58%, 80%
HSV	279°, 25%, 92%
XYZ	57.6218, 50.7466, 84.6000
YIQ	193.0880, 3.7090, 26.4050

Conversions

Conversions Part 2

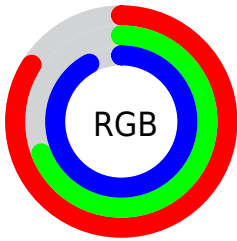
Format	Color
R _Y B	213, 175, 234
Decimal	14004202
CIE Lab	76.53, 24.36, -24.34
CIE LCh	77, 34.435, 315.023
Yxy	50.7466, 0.2986, 0.2630
Android (android.graphics.Color)	4292194282 (0xFFD5AFE8)
YUV	193.0880, 20.1696, 17.4628
Hunter-Lab	71.2366, 19.7208, -20.5466

Details

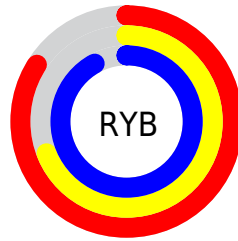
The YUV color **193.0880, 20.1696, 17.4628** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **215.9120, -20.1696, -17.4628**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **139.1480, 19.1540, 16.5332** is the 20% darker color. If you saturate the color by 10%, you get **177.1950, 28.0049, 24.3850**, and if you desaturate by 10%, it is **208.9810, 12.3344, 10.5407**.

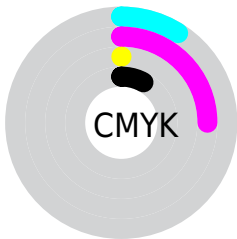
Distribution



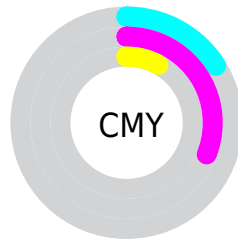
- Red (84%)
- Green (69%)
- Blue (92%)



- Red (84%)
- Yellow (69%)
- Blue (92%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)





- Cyan (16%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.0880, 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 193.0880, 20.1696, 17.4628 by changing the saturation by 10% instead.


 193.0880, 20.1696,
17.4628


 193.0880, 20.1696,
17.4628


255.0000, 0.0000,
0.0000


 165.6750, 19.8802,
16.9480


 240.9120, 6.9454,
12.3552

 139.1480, 19.1540,
16.5332

 113.3220, 18.5753,
15.5036

 88.7950, 17.8491,
15.0888

 64.9690, 17.2703,
14.0592

 42.1430, 16.6915,
13.0296

 19.7300, 16.4021,

12.5148

■ 4.5450, 13.5353,
-1.3550

■ 0.3420, 1.3104,
-0.2999

■ 193.0880, 20.1696,
17.4628

■ 193.0880, 20.1696,
17.4628

■ 177.1950, 28.0049,
24.3850

■ 208.9810, 12.3344,
10.5407

■ 160.4160, 36.2769,
31.2072

■ 225.7600, 4.0623,
3.7185

■ 144.5230, 44.1122,
38.1293

■ 241.6530, -3.7729,
-3.2037

■ 128.0430, 52.2368,
45.5663

■ 249.9150, -7.8461,
-3.4335

■ 111.8510, 60.2195,
51.8737

■ 252.6060, -9.1728,
2.0995

■ 95.9580, 68.0547,
58.7958

■ 79.4780, 76.1793,
66.2328

■ 71.8250, 79.9523,
69.4365

Harmonies

Analogous

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



188.5120, 30.3136, -16.2350



193.0880, 20.1696, 17.4628



193.5720, 6.1270, 41.5944

Triad

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



193.0880, 20.1696, 17.4628



188.1140, -29.6362, 32.3490



170.7890, 16.3730, -71.7290

Complementary

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



193.0880, 20.1696, 17.4628



215.9120, -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.



176.0080, -2.4689, -48.2420



193.0880, 20.1696, 17.4628



185.4870, -28.8341, 8.3429

Square

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



193.0880, 20.1696, 17.4628



190.4610, -22.4123, 48.7077



181.2430, -18.8538, -19.5071



171.4370, 30.3506, -74.9282

Rectangle

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



193.0880, 20.1696, 17.4628



192.9940, -3.9410, 50.8713



181.2430, -18.8538, -19.5071



172.2260, 10.2416, -65.0962

Sweetspot

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



193.0880, 20.1696, 17.4628



241.1670, 6.8197, 5.9925



194.6400, 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.



193.0880, 20.1696, 17.4628



202.3150, 25.9737, 22.5257



198.4550, 13.5797, 31.1730



109.3470, 3.7729, 3.2037



55.6170, 61.8138, 53.8329



16.3220, 18.5753, 15.5036

Inverse Universe

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



195.0350, 0.4757, 34.1723



204.8020, 0.5906, 44.0236



210.5450, -13.5797, -31.1730



109.7450, 0.1257, 6.3626



61.4150, 1.2744, 104.8760



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 193.0880, 20.1696, 17.4628 looks on a white background.

Color Contrast Check

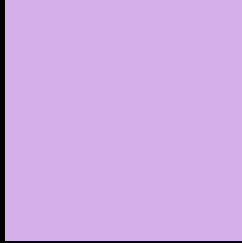
Large Text (above 18pt) WCAG AA × Fail

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 193.0880, 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 193.0880, 20.1696, 17.4628

Background



This preview shows how black text looks on a background with the YUV color 193.0880, 20.1696, 17.4628.



This preview shows how white text looks on a background with the YUV color 193.0880, 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

193.0880, 20.1696, 17.4628

Protanopia

189.6820, 25.7928, -12.8761

Deuteranopia

190.6570, 20.3821, -4.0842



Tritanopia

191.0710, 2.4300, 13.9697

Trichromacy



Original Color

193.0880, 20.1696, 17.4628

Protanomaly

191.1780, 23.5762, -1.9101

Deuteranomaly

191.4130, 20.5024, 4.0228

Tritanomaly

191.5040, 9.1185, 15.3440

Monochromacy



Original Color

193.0880, 20.1696, 17.4628

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.6940, 7.5459, 6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0880, 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(213, 175, 234)` looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 234)  
}
```

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(213, 175, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 234) }
```

Border

The CSS property to change the border of an element to YUV 193.0880, 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(213, 175, 234) }
```


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

```
.border{ border-color:rgb(213, 175, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 175, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 234);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 193.0880, 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(213, 175, 234) }
```

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

```
.background{ background-color: rgb(213,  
175, 234) }
```

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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