

Converting Colors

YUV(199.1600, 17.6691,
26.1697)

Have a look what the booklet for
YUV(199.1600, 17.6691, 26.1697)
contains.

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Color

**YUV(199.1600, 17.6691,
26.1697)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B1EB
RGB	229, 177, 235
RGB Percent	90%, 69%, 92%
CMY	0.1020, 0.3059, 0.0784
CMYK	0.03, 0.25, 0.00, 0.08
HSL	294°, 59%, 81%
HSV	294°, 25%, 92%
XYZ	63.0306, 54.1005, 85.7176
YIQ	199.1600, 12.3740, 29.0620

Conversions

Conversions Part 2

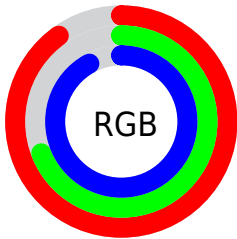
Format	Color
R _Y B	229, 177, 235
Decimal	15053291
CIE Lab	78.52, 28.61, -21.71
CIE LCh	79, 35.909, 322.810
Yxy	54.1005, 0.3107, 0.2667
Android (android.graphics.Color)	4293243371 (0xFFE5B1EB)
YUV	199.1600, 17.6691, 26.1697
Hunter-Lab	73.5530, 24.2463, -17.6086

Details

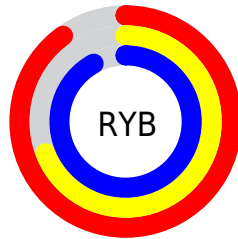
The YUV color $199.1600, 17.6691, 26.1697$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $212.8400, -17.6691, -26.1697$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.3666, 11.3256$, and $144.9210, 16.8009, 24.6253$ is the 20% darker color. If you saturate the color by 10%, you get $185.0610, 24.6199, 36.7805$, and if you desaturate by 10%, it is $213.8460, 10.4289, 15.0441$.

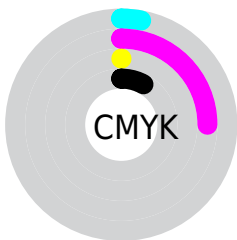
Distribution



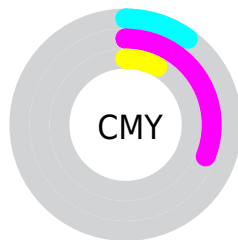
- Red (90%)
- Green (69%)
- Blue (92%)



- Red (90%)
- Yellow (69%)
- Blue (92%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)





- Cyan (10%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.1600, 17.6691, 26.1697 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 199.1600, 17.6691, 26.1697 by changing the saturation by 10% instead.


 199.1600, 17.6691,
26.1697


 199.1600, 17.6691,
26.1697


255.0000, 0.0000,
0.0000

 171.7470, 17.3797,
25.6549


 242.0860, 6.3666,
11.3256

 144.9210, 16.8009,
24.6253

 119.0950, 16.2222,
23.5957

 93.6820, 15.9328,
23.0809

 68.9700, 15.7908,
21.9513

 46.1440, 15.2120,
20.9217

 22.2580, 15.6488,

20.8217

■ 11.8350, 10.4343,
13.2997

■ 0.5700, 2.1840,
-0.4999

■ 199.1600, 17.6691,
26.1697

■ 199.1600, 17.6691,
26.1697

■ 185.0610, 24.6199,
36.7805

■ 213.8460, 10.4289,
15.0441

■ 170.0760, 32.0075,
47.2913

■ 228.2440, 3.3307,
5.0480

■ 155.9770, 38.9583,
57.9022

■ 242.9300, -3.9095,
-6.0776

■ 140.9920, 46.3459,
68.4130

■ 247.9360, -6.3774,
-7.8369

126.8930, 53.2968,
79.0238

248.5340, -6.6723,
-6.6073

111.9080, 60.6844,
89.5347

249.4310, -7.1145,
-4.7630

97.8090, 67.6352,
100.1455

250.0290, -7.4093,
-3.5334

89.8790, 71.5447,
106.2231

250.6270, -7.7041,
-2.3039

251.5240, -8.1463,
-0.4595

Harmonies

Analogous

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



196.2250, 28.9761, -7.2133



199.1600, 17.6691, 26.1697



198.9920, 2.4689, 48.2420

Triad

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



199.1600, 17.6691, 26.1697



192.8100, -31.9513, 28.2306



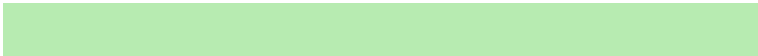
173.9280, 22.2205, -80.6209

Complementary

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



199.1600, 17.6691, 26.1697



212.8400, -17.6691, -26.1697

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.



179.3210, 2.7997, -58.1635



199.1600, 17.6691, 26.1697



189.5570, -28.3756, 1.2655

Square

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



199.1600, 17.6691, 26.1697



195.1250, -26.1906, 47.2484



185.2850, -15.9165, -28.3139



177.3490, 33.8449, -75.7281

Rectangle

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



199.1600, 17.6691, 26.1697



196.0820, -7.4354, 51.6711



185.2850, -15.9165, -28.3139



175.6530, 15.9471, -75.1177

Sweetspot

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



199.1600, 17.6691, 26.1697



243.8360, 5.5039, 8.0368



187.7210, 23.3085, -9.4023



120.9450, 3.4781, 4.4332



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.



199.1600, 17.6691, 26.1697



207.9960, 23.1730, 34.2065



198.4460, 7.1751, 32.0579



110.2440, 3.3307, 5.0480



69.0720, 55.1805, 81.4979



20.5080, 16.5116, 24.1105

Inverse Universe

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



195.0260, -5.9288, 35.0572



202.5220, -8.1453, 46.0232



213.5540, -7.1751, -32.0579



109.4030, -1.1847, 6.6626



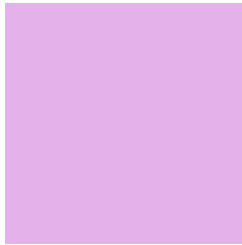
56.2850, -18.3815, 109.3751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 199.1600, 17.6691, 26.1697 looks on a white background.

Color Contrast Check

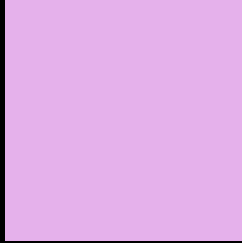
Large Text (above 18pt) WCAG AA × Fail

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 199.1600, 17.6691, 26.1697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

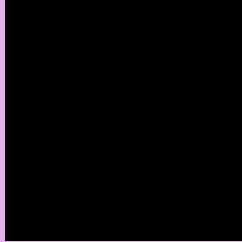
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.1600, 17.6691, 26.1697

Background



This preview shows how black text looks on a background with the YUV color 199.1600, 17.6691, 26.1697.



This preview shows how white text looks on a background with the YUV color 199.1600, 17.6691,

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

199.1600, 17.6691, 26.1697

Protanopia

195.4540, 24.9192, -12.6762

Deuteranopia

196.2830, 17.6085, -1.1252



Tritanopia

197.5560, 0.2189, 23.1914

Trichromacy



Original Color

199.1600, 17.6691, 26.1697



Protanomaly

196.5590, 22.4024, 1.2638



Deuteranomaly

197.0500, 17.7233, 8.7261



Tritanomaly

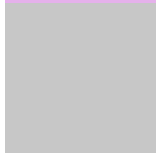
197.8750, 6.4706, 24.6656

Monochromacy



Original Color

199.1600, 17.6691, 26.1697



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1600, 17.6691, 26.1697 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(229, 177, 235)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 235)  
}
```

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(229, 177, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 235) }
```

Border

The CSS property to change the border of an element to YUV 199.1600, 17.6691, 26.1697 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(229, 177, 235) }
```


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

```
.border{ border-color:rgb(229, 177, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 177, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 235);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 199.1600, 17.6691, 26.1697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 235) }
```

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

```
.background{ background-color: rgb(229,  
177, 235) }
```

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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