

Converting Colors

YUV(197.5600, 4.1609, 18.8029)

Have a look what the booklet for
YUV(197.5600, 4.1609, 18.8029)
contains.

YUV(197.5600, 4.1609, 18.8029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(197.5600, 4.1609,
18.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB9CE
RGB	219, 185, 206
RGB Percent	86%, 73%, 81%
CMY	0.1412, 0.2745, 0.1922
CMYK	0.00, 0.16, 0.06, 0.14
HSL	323°, 32%, 79%
HSV	323°, 16%, 86%
XYZ	57.7030, 54.2142, 65.8156
YIQ	197.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

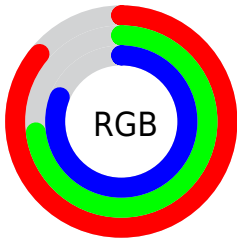
Format	Color
R _Y B	219, 185, 206
Decimal	14399950
CIE Lab	78.59, 15.67, -6.02
CIE LCh	79, 16.790, 338.977
Yxy	54.2142, 0.3247, 0.3050
Android (android.graphics.Color)	4292590030 (0xFFDDBB9CE)
YUV	197.5600, 4.1609, 18.8029
Hunter-Lab	73.6303, 11.0347, -1.4561

Details

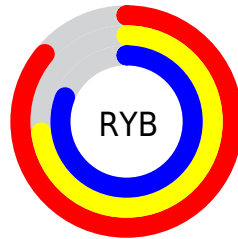
The YUV color **197.5600, 4.1609, 18.8029** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206.4400, -4.1609, -18.8029**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 4.0515, 7.2072**, and **143.8480, 4.0189, 17.6733** is the 20% darker color. If you saturate the color by 10%, you get **183.7340, 7.0331, 30.9283**, and if you desaturate by 10%, it is **211.3860, 1.2887, 6.6775**.

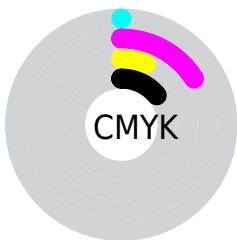
Distribution



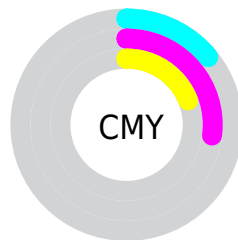
- Red (86%)
- Green (73%)
- Blue (81%)



- Red (86%)
- Yellow (73%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 197.5600, 4.1609, 18.8029 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 197.5600, 4.1609, 18.8029 by changing the saturation by 10% instead.


 197.5600, 4.1609,
18.8029

 197.5600, 4.1609,
18.8029

255.0000, 0.0000,
0.0000

 170.2610, 4.3083,
18.1881


 246.7820, 4.0515,
7.2072

 143.8480, 4.0189,
17.6733

 117.5490, 4.1663,
17.0585

 93.1360, 3.8770,
16.5437

 69.4240, 3.7350,
15.4142

 46.7120, 3.5930,
14.2846

 25.4130, 3.7404,

13.6698

■ 6.7070, 1.1304,
10.7810

■ 0.0000, 0.0000,
0.0000

■ 197.5600, 4.1609,
18.8029

■ 197.5600, 4.1609,
18.8029

■ 183.7340, 7.0331,
30.9283

■ 211.3860, 1.2887,
6.6775

■ 169.7940, 9.4686,
43.1537

■ 225.3260, -1.1467,
-5.5479

■ 155.9680, 12.3408,
55.2791

■ 239.1520, -4.0189,
-17.6733

■ 142.1420, 15.2130,
67.4045

■ 242.4120, -1.6821,
-20.5323

■ 128.7890, 17.3590,
79.1150

■ 243.4380, 2.2491,
-21.4321

■ 114.9630, 20.2312,
91.2404

■ 244.2360, 5.3067,
-22.1320

■ 101.0230, 22.6667,
103.4658

■ 87.1970, 25.5389,
115.5912

■ 80.8710, 26.6856,
121.1391

Harmonies

Analogous

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



196.6060, 11.0402, 5.6075



197.5600, 4.1609, 18.8029



197.5410, -3.7177, 25.8355

Triad

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



197.5600, 4.1609, 18.8029



193.5590, -14.5726, 7.4028



189.2010, 11.7329, -29.9943

Complementary

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



197.5600, 4.1609, 18.8029



206.4400, -4.1609, -18.8029

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.



189.0780, 4.8915, -29.0094



197.5600, 4.1609, 18.8029



191.7960, -10.7454, -6.8371

Square

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



197.5600, 4.1609, 18.8029



195.3370, -14.4631, 18.9985



189.9560, -3.4293, -20.1324



191.5700, 15.4950, -23.3019

Rectangle

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



197.5600, 4.1609, 18.8029



196.9880, -8.3751, 26.3205



189.9560, -3.4293, -20.1324



189.0330, 9.8437, -30.7239

Sweetspot

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



197.5600, 4.1609, 18.8029



246.7990, 1.5781, 7.1923



192.4640, 13.0822, 3.9781



122.9620, 1.0047, 4.4183



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.



197.5600, 4.1609, 18.8029



224.6580, 5.5916, 26.6099



195.7360, -2.8278, 20.4025



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Inverse Universe

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



197.5600, 4.1609, 18.8029



224.6580, 5.5916, 26.6099



208.2640, 2.8278, -20.4025



102.9730, 0.9993, 6.1627



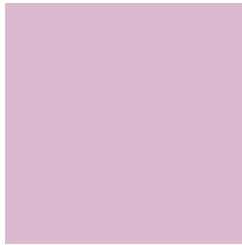
63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 197.5600, 4.1609, 18.8029 looks on a white background.

Color Contrast Check

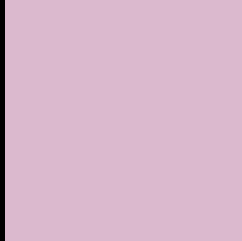
Large Text (above 18pt) WCAG AA × Fail

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 197.5600, 4.1609, 18.8029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

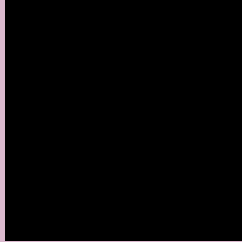
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.5600, 4.1609, 18.8029

Background



This preview shows how black text looks on a background with the YUV color 197.5600, 4.1609, 18.8029.



This preview shows how white text looks on a background with the YUV color 197.5600, 4.1609,

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

197.5600, 4.1609, 18.8029

Protanopia

195.0520, 7.8624, -1.7996

Deuteranopia

196.8040, 4.0406, 10.6959



Tritanopia

197.1640, 1.3981, 18.2732

Trichromacy



Original Color

197.5600, 4.1609, 18.8029

Protanomaly

195.7540, 6.5303, 5.4777

Deuteranomaly

197.4130, 3.7404, 13.6698

Tritanomaly

197.3920, 2.2717, 18.0732

Monochromacy



Original Color

197.5600, 4.1609, 18.8029

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.5600, 4.1609, 18.8029 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(219, 185, 206)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 206)  
}
```

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(219, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 206) }
```

Border

The CSS property to change the border of an element to YUV 197.5600, 4.1609, 18.8029 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(219, 185, 206) }
```


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

```
.border{ border-color:rgb(219, 185, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 185, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 185, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 185, 206);  
box-shadow:4px 4px 4px 4px rgb(219, 185,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 197.5600, 4.1609, 18.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 206) }
```

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

```
.background{ background-color: rgb(219,  
185, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor