

Converting Colors

YUV(200.8420, 6.4869, 19.4326)

Have a look what the booklet for
YUV(200.8420, 6.4869, 19.4326)
contains.

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Color

**YUV(200.8420, 6.4869,
19.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBBD6
RGB	223, 187, 214
RGB Percent	87%, 73%, 84%
CMY	0.1255, 0.2667, 0.1608
CMYK	0.00, 0.16, 0.04, 0.13
HSL	315°, 36%, 80%
HSV	315°, 16%, 87%
XYZ	60.3393, 56.0837, 71.2633
YIQ	200.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

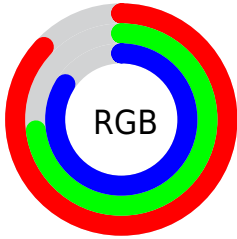
Format	Color
RYB	223, 187, 214
Decimal	14662614
CIELab	79.66, 17.39, -8.71
CIELCh	80, 19.452, 333.390
Yxy	56.0837, 0.3215, 0.2988
Android (android.graphics.Color)	4292852694 (0xFFDFBBD6)
YUV	200.8420, 6.4869, 19.4326
Hunter-Lab	74.8890, 12.7647, -3.9972

Details

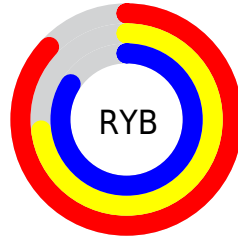
The YUV color $200.8420, 6.4869, 19.4326$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $209.1580, -6.4869, -19.4326$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9560, 3.4727, 6.1776$, and $147.0160, 5.9081, 18.4030$ is the 20% darker color. If you saturate the color by 10%, you get $187.2440, 10.2327, 31.3580$, and if you desaturate by 10%, it is $214.4400, 2.7411, 7.5071$.

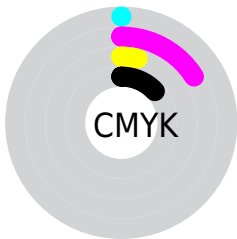
Distribution



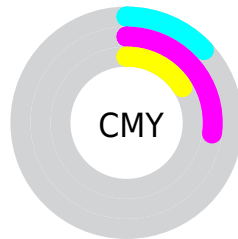
- Red (87%)
- Green (73%)
- Blue (84%)



- Red (87%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8420, 6.4869, 19.4326 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 200.8420, 6.4869, 19.4326 by changing the saturation by 10% instead.


 200.8420, 6.4869,
19.4326


 200.8420, 6.4869,
19.4326

255.0000, 0.0000,
0.0000

 173.4290, 6.1975,
18.9178

 247.9560, 3.4727,
6.1776


 147.0160, 5.9081,
18.4030

 120.7170, 6.0555,
17.7882

 96.0050, 5.9135,
16.6586

 71.7060, 6.0609,
16.0438

 48.9940, 5.9190,
14.9143

 27.5810, 5.6296,

14.3995

■ 9.5270, 4.1772,
13.5698

■ 0.0000, 0.0000,
0.0000

■ 200.8420, 6.4869,
19.4326

■ 200.8420, 6.4869,
19.4326

■ 187.2440, 10.2327,
31.3580

■ 214.4400, 2.7411,
7.5071

■ 173.1730, 14.7047,
43.6983

■ 228.5110, -1.7309,
-4.8331

■ 159.5750, 18.4505,
55.6237

■ 242.1090, -5.4767,
-16.7586

■ 146.0910, 22.6331,
67.4492

■ 243.2660, -3.5821,
-17.7733

132.4930, 26.3790,
79.3746

243.9500, -0.9613,
-18.3731

118.4220, 30.8510,
91.7149

244.5200, 1.2226,
-18.8730

104.8240, 34.5968,
103.6404

245.2040, 3.8434,
-19.4729

91.2260, 38.3426,
115.5658

245.4320, 4.7170,
-19.6729

85.7150, 40.0735,
120.3989

Harmonies

Analogous

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



199.3930, 14.1033, 3.1633



200.8420, 6.4869, 19.4326



200.9050, -2.4182, 29.0243

Triad

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



200.8420, 6.4869, 19.4326



196.7830, -17.6410, 11.5913



190.7980, 12.9176, -36.6568

Complementary

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



200.8420, 6.4869, 19.4326



209.1580, -6.4869, -19.4326

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.



190.8280, 4.0288, -32.2982



200.8420, 6.4869, 19.4326



194.1230, -13.3716, -4.4929

Square

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



200.8420, 6.4869, 19.4326



198.6150, -16.0792, 24.0166



192.0870, -5.4659, -20.2473



193.3950, 17.5533, -30.1644

Rectangle

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



200.8420, 6.4869, 19.4326



200.1350, -7.9546, 31.4536



192.0870, -5.4659, -20.2473



190.7010, 10.0074, -36.5718

Sweetspot

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



200.8420, 6.4869, 19.4326



247.0270, 2.4517, 6.9923



193.7950, 14.3981, 1.9338



123.0760, 1.4415, 4.3183



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.



200.8420, 6.4869, 19.4326



225.4560, 8.6492, 25.9101



198.7900, -1.3755, 21.2322



105.2010, 1.8729, 5.9627



67.6720, 31.7137, 95.0037



18.4560, 8.6492, 25.9101

Inverse Universe

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



200.8420, 6.4869, 19.4326



225.4560, 8.6492, 25.9101



211.2100, 1.3755, -21.2322



105.2010, 1.8729, 5.9627



67.6720, 31.7137, 95.0037



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 200.8420, 6.4869, 19.4326 looks on a white background.

Color Contrast Check

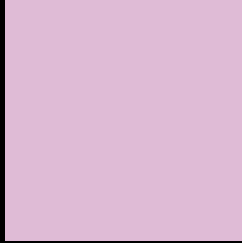
Large Text (above 18pt) WCAG AA × Fail

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 200.8420, 6.4869, 19.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

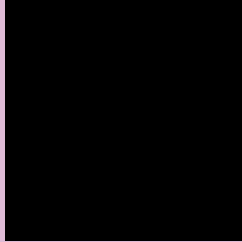
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.8420, 6.4869, 19.4326

Background



This preview shows how black text looks on a background with the YUV color 200.8420, 6.4869, 19.4326.



This preview shows how white text looks on a background with the YUV color 200.8420, 6.4869,

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

200.8420, 6.4869, 19.4326

Protanopia

198.4370, 10.6306, -3.0142

Deuteranopia

199.7760, 6.5194, 8.9664



Tritanopia

200.5770, 1.6875, 18.7880

Trichromacy



Original Color

200.8420, 6.4869, 19.4326

Protanomaly

199.4380, 9.1511, 4.8779

Deuteranomaly

200.0970, 6.3612, 13.0699

Tritanomaly

200.4460, 3.7241, 18.9029

Monochromacy



Original Color

200.8420, 6.4869, 19.4326

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8420, 6.4869, 19.4326 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(223, 187, 214)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 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(223, 187, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 214) }
```

Border

The CSS property to change the border of an element to YUV 200.8420, 6.4869, 19.4326 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(223, 187, 214) }
```


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

```
.border{ border-color:rgb(223, 187, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 187, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 187, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 187, 214);  
box-shadow:4px 4px 4px 4px rgb(223, 187,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 200.8420, 6.4869, 19.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 187, 214) }
```

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

```
.background{ background-color: rgb(223,  
187, 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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