

Converting Colors

YUV(199.4600, 9.1402, 8.3666)

Have a look what the booklet for
YUV(199.4600, 9.1402, 8.3666)
contains.

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Color

**YUV(199.4600, 9.1402,
8.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BFDA
RGB	209, 191, 218
RGB Percent	82%, 75%, 85%
CMY	0.1804, 0.2510, 0.1451
CMYK	0.04, 0.12, 0.00, 0.15
HSL	280°, 27%, 80%
HSV	280°, 12%, 85%
XYZ	57.5802, 55.8789, 74.0806
YIQ	199.4600, 2.0610, 12.2130

Conversions

Conversions Part 2

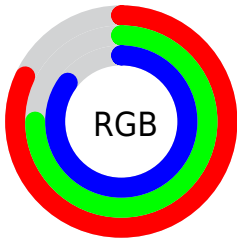
Format	Color
R _Y B	209, 191, 218
Decimal	13746138
CIE Lab	79.54, 11.24, -11.17
CIE LCh	80, 15.849, 315.176
Yxy	55.8789, 0.3070, 0.2980
Android (android.graphics.Color)	4291936218 (0xFFD1BFDA)
YUV	199.4600, 9.1402, 8.3666
Hunter-Lab	74.7522, 6.6789, -6.4308

Details

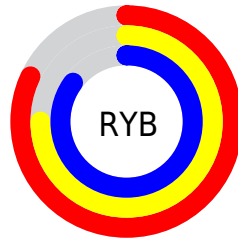
The YUV color **199.4600, 9.1402, 8.3666** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **209.5400, -9.1402, -8.3666**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3040, 2.3151, 4.1184**, and **145.6340, 8.5614, 7.3370** is the 20% darker color. If you saturate the color by 10%, you get **184.4530, 16.5387, 15.3887**, and if you desaturate by 10%, it is **214.4670, 1.7418, 1.3444**.

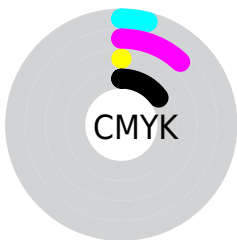
Distribution



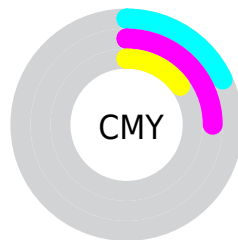
- Red (82%)
- Green (75%)
- Blue (85%)



- Red (82%)
- Yellow (75%)
- Blue (85%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4600, 9.1402, 8.3666 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 199.4600, 9.1402, 8.3666 by changing the saturation by 10% instead.

■ 199.4600, 9.1402,
8.3666

■ 199.4600, 9.1402,
8.3666

255.0000, 0.0000,
0.0000

■ 172.0470, 8.8508,
7.8518

■ 250.3040, 2.3151,
4.1184

■ 145.6340, 8.5614,
7.3370

■ 119.6340, 8.5614,
7.3370

■ 95.1070, 7.8352,
6.9222

■ 71.1070, 7.8352,
6.9222

■ 48.6940, 7.5459,
6.4074

■ 27.8680, 6.9671,

5.3778

■ 6.0960, 7.8407,
5.1778

■ 0.0000, 0.0000,
0.0000

■ 199.4600, 9.1402,
8.3666

■ 199.4600, 9.1402,
8.3666

■ 184.4530, 16.5387,
15.3887

■ 214.4670, 1.7418,
1.3444

■ 169.1470, 24.0845,
21.7961

■ 229.7730, -5.8041,
-5.0629

■ 154.7270, 31.1936,
28.3034

■ 243.6060,
-12.6238, -11.0555

■ 139.7200, 38.5920,
35.3256

■ 245.6990,
-13.6556, -6.7520

■ 124.7130, 45.9905,
42.3477

■ 247.7920,
-14.6875, -2.4486

■ 109.4070, 53.5363,
48.7551

■ 250.1840,
-15.8667, 2.4696

■ 94.4000, 60.9348,
55.7772

■ 250.7820,
-16.1615, 3.6992

■ 79.9800, 68.0439,
62.2845

■ 68.2070, 73.8479,
67.3475

Harmonies

Analogous

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



197.8110, 13.4042, -5.9732



199.4600, 9.1402, 8.3666



200.4030, 2.2663, 19.8176

Triad

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



199.4600, 9.1402, 8.3666



197.7280, -14.1629, 16.0245



192.0180, 5.9071, -28.0798

Complementary

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



199.4600, 9.1402, 8.3666



209.5400, -9.1402, -8.3666

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.



192.4120, -1.6821, -20.5323



199.4600, 9.1402, 8.3666



195.5910, -13.1094, 4.7437

Square

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



199.4600, 9.1402, 8.3666



198.6950, -10.6956, 23.9465



194.2410, -8.9928, -8.9814



192.6250, 12.0169, -27.7351

Rectangle

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



199.4600, 9.1402, 8.3666



200.1710, -2.5493, 24.4060



194.2410, -8.9928, -8.9814



192.0460, 3.4283, -26.3503

Sweetspot

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



199.4600, 9.1402, 8.3666



248.2330, 3.3361, 3.3037



199.3610, 9.1890, -7.3326



122.9940, 2.4680, 1.7593



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.



199.4600, 9.1402, 8.3666



228.8070, 12.9131, 11.5703



201.5810, 5.6296, 14.3995



102.3470, 3.7729, 3.2037



54.4060, 58.4668, 54.0179



14.5130, 15.5231, 14.4591

Inverse Universe

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



200.0990, -0.0488, 15.6992



229.8440, 0.0769, 22.0618



207.3050, -6.0664, -14.2995



102.6310, -0.3111, 6.4626



58.3390, -0.1671, 100.5577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 199.4600, 9.1402, 8.3666 looks on a white background.

Color Contrast Check

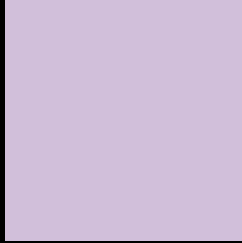
Large Text (above 18pt) WCAG AA × Fail

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 199.4600, 9.1402, 8.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

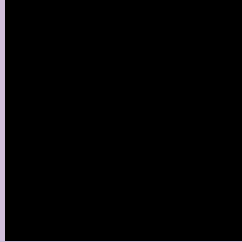
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.4600, 9.1402, 8.3666

Background



This preview shows how black text looks on a background with the YUV color 199.4600, 9.1402, 8.3666.



This preview shows how white text looks on a background with the YUV color 199.4600, 9.1402,

8.3666.

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

199.4600, 9.1402, 8.3666

Protanopia

198.2520, 11.2148, -3.7290

Deuteranopia

199.4490, 9.1456, 6.6222



Tritanopia

198.8960, 4.4883, 7.1072

Trichromacy



Original Color

199.4600, 9.1402, 8.3666

Protanomaly

198.4590, 10.6197, 0.4745

Deuteranomaly

199.7480, 8.9982, 7.2370

Tritanomaly

199.0640, 6.3774, 7.8369

Monochromacy



Original Color

199.4600, 9.1402, 8.3666

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2330, 3.3361, 3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4600, 9.1402, 8.3666 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(209, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(209, 191, 218)  
}
```

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(209, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 191, 218) }
```

Border

The CSS property to change the border of an element to YUV 199.4600, 9.1402, 8.3666 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(209, 191, 218) }
```


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

```
.border{ border-color:rgb(209, 191, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 191, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 191, 218);  
box-shadow:4px 4px 4px 4px rgb(209, 191,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 199.4600, 9.1402, 8.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 191, 218) }
```

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

```
.background{ background-color: rgb(209,  
191, 218) }
```

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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