

Converting Colors

YUV(198.3950, 27.9063, 9.3006)

Have a look what the booklet for
YUV(198.3950, 27.9063, 9.3006)
contains.

YUV(198.3950, 27.9063, 9.3006)	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(198.3950, 27.9063,
9.3006)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B6FF
RGB	209, 182, 255
RGB Percent	82%, 71%, 100%
CMY	0.1804, 0.2863, 0.0000
CMYK	0.18, 0.29, 0.00, 0.00
HSL	262°, 100%, 86%
HSV	262°, 29%, 100%
XYZ	61.0724, 54.2312, 101.8565
YIQ	198.3950, -7.3410, 28.4270

Conversions

Conversions Part 2

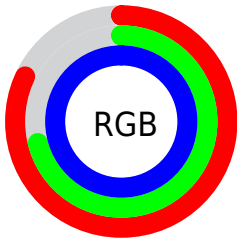
Format	Color
R _Y B	209, 182, 255
Decimal	13743871
CIE Lab	78.60, 23.72, -32.50
CIE LCh	79, 40.237, 306.115
Yxy	54.2312, 0.2812, 0.2497
Android (android.graphics.Color)	4291933951 (0xFFD1B6FF)
YUV	198.3950, 27.9063, 9.3006
Hunter-Lab	73.6418, 19.1599, -30.4567

Details

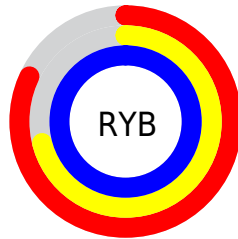
The YUV color **198.3950, 27.9063, 9.3006** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.6050, -27.9063, -9.3006**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0210, 4.9196, 8.7516**, and **144.3410, 26.4539, 8.4709** is the 20% darker color. If you saturate the color by 10%, you get **178.9360, 37.4996, 12.3341**, and if you desaturate by 10%, it is **218.4410, 18.0236, 5.7522**.

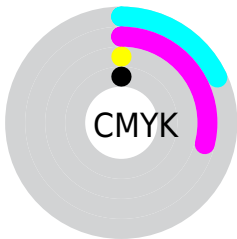
Distribution



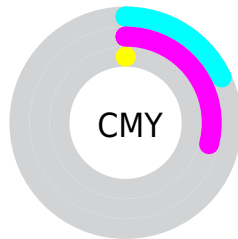
- Red (82%)
- Green (71%)
- Blue (100%)



- Red (82%)
- Yellow (71%)
- Blue (100%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.3950, 27.9063, 9.3006 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 198.3950, 27.9063, 9.3006 by changing the saturation by 10% instead.


 198.3950, 27.9063,
9.3006


 198.3950, 27.9063,
9.3006


255.0000, 0.0000,
0.0000


 170.8680, 27.1801,
8.8858


 245.0210, 4.9196,
8.7516


 144.3410, 26.4539,
8.4709

 118.5150, 25.8751,
7.4413

 92.9880, 25.1489,
7.0265

 69.0480, 24.1333,
6.0969

 45.8090, 23.2652,
4.5525

 23.2710, 22.5444,

2.3933

■ 6.1410, 19.6505,
-2.7547

■ 3.4370, 10.6306,
-3.0142

■ 198.3950, 27.9063,
9.3006

■ 198.3950, 27.9063,
9.3006

■ 178.9360, 37.4996,
12.3341

■ 218.4410, 18.0236,
5.7522

■ 158.8900, 47.3822,
15.8825

■ 237.9000, 8.4303,
2.7187

■ 139.4310, 56.9755,
18.9160

255.0000, 0.0000,
0.0000

■ 119.3850, 66.8582,
22.4644

■ 99.9260, 76.4515,
25.4979

■ 79.8800, 86.3342,
29.0462

■ 60.4210, 95.9274,
32.0798

■ 57.1760, 97.5272,
32.2946

Harmonies

Analogous

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



190.1680, 31.9622, -31.7193



198.3950, 27.9063, 9.3006



199.7060, 12.9629, 42.3538

Triad

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



198.3950, 27.9063, 9.3006



194.2680, -33.1631, 43.6150



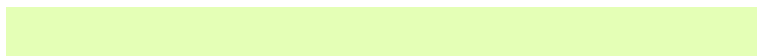
172.1420, 14.2270, -83.4395

Complementary

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



198.3950, 27.9063, 9.3006



238.6050, -27.9063, -9.3006

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.



180.7000, -8.7261, -47.9719



198.3950, 27.9063, 9.3006



191.4190, -35.7026, 18.0495

Square

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



198.3950, 27.9063, 9.3006



193.3630, -20.3920, 54.0556



186.9250, -26.5850, -13.0892



165.5040, 35.2475, -105.6820

Rectangle

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



198.3950, 27.9063, 9.3006



196.6010, 2.1687, 51.2159



186.9250, -26.5850, -13.0892



174.8570, 6.4795, -71.7886

Sweetspot

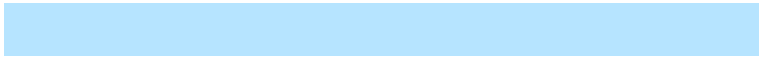
The Sweet Spot groups the original color and five complimentary colors.



198.3950, 27.9063, 9.3006



237.3130, 8.7197, 3.2335



217.3240, 18.5743, -30.9791



116.5040, 5.6675, 2.1890



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.



198.3950, 27.9063, 9.3006



187.4860, 33.2844, 10.9748



209.1590, 22.5996, 31.4326



117.6780, 5.0887, 1.1594



43.0030, 72.9625, 24.5534



14.4720, 24.4173, 8.3561

Inverse Universe

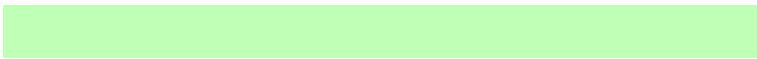
The Inverse Universe completely reimagines the original color for something new.



209.0710, 9.3320, 40.2797



200.2830, 11.1995, 47.9868



227.8410, -22.5996, -31.4326



119.7990, 1.5781, 7.1923



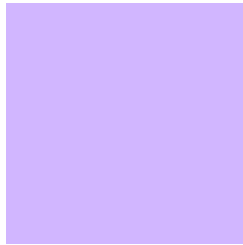
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 198.3950, 27.9063, 9.3006 looks on a white background.

Color Contrast Check

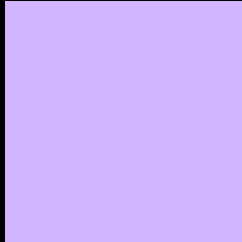
Large Text (above 18pt) WCAG AA × Fail

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 198.3950, 27.9063, 9.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

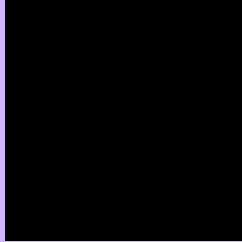
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.3950, 27.9063, 9.3006

Background



This preview shows how black text looks on a background with the YUV color 198.3950, 27.9063, 9.3006.



This preview shows how white text looks on a background with the YUV color 198.3950, 27.9063, 9.3006.

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

198.3950, 27.9063, 9.3006

Protanopia

194.6970, 29.7294, -15.5203

Deuteranopia

195.3770, 28.4081, -11.7316



Tritanopia

195.7000, 5.0779, 4.6481

Trichromacy



Original Color

198.3950, 27.9063, 9.3006

Protanomaly

195.9370, 29.1181, -6.0837

Deuteranomaly

196.7200, 28.2390, -4.1394

Tritanomaly

196.8880, 13.3662, 6.2372

Monochromacy



Original Color

198.3950, 27.9063, 9.3006

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.0680, 10.3195, 3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.3950, 27.9063, 9.3006 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 182, 255)  
}
```

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, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 182, 255) }
```

Border

The CSS property to change the border of an element to YUV 198.3950, 27.9063, 9.3006 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, 182, 255) }
```


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

```
.border{ border-color:rgb(209, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 182,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 198.3950, 27.9063, 9.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 182, 255) }
```

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

```
.background{ background-color: rgb(209,  
182, 255) }
```

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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