

# Converting Colors

YUV(198.9720, 9.3808, 24.5806)

Have a look what the booklet for  
YUV(198.9720, 9.3808, 24.5806)  
contains.

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# Color

**YUV(198.9720, 9.3808,  
24.5806)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3B5DA
RGB	227, 181, 218
RGB Percent	89%, 71%, 85%
CMY	0.1098, 0.2902, 0.1451
CMYK	0.00, 0.20, 0.04, 0.11
HSL	312°, 45%, 80%
HSV	312°, 20%, 89%
XYZ	60.8573, 54.4406, 73.6302
YIQ	198.9720, 15.5390, 21.2590

# Conversions

## Conversions Part 2

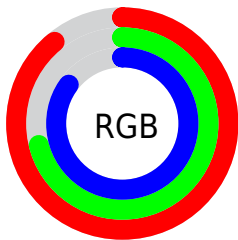
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 181, 218
Decimal	14923226
CIE <sub>Lab</sub>	78.72, 22.68, -12.24
CIE <sub>LCh</sub>	79, 25.776, 331.648
Yxy	54.4406, 0.3221, 0.2882
Android (android.graphics.Color)	4293113306 (0xFFE3B5DA)
YUV	198.9720, 9.3808, 24.5806
Hunter-Lab	73.7839, 18.1059, -7.5178

# Details

The YUV color **198.9720, 9.3808, 24.5806** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **209.0280, -9.3808, -24.5806**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, 5.2090, 9.2664**, and **144.8470, 8.9494, 22.9362** is the 20% darker color. If you saturate the color by 10%, you get **185.0150, 14.2896, 36.8208**, and if you desaturate by 10%, it is **212.9290, 4.4720, 12.3403**.

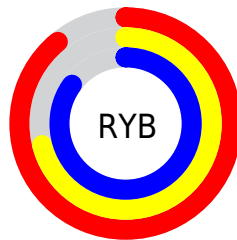
# Distribution



Red (89%)

Green (71%)

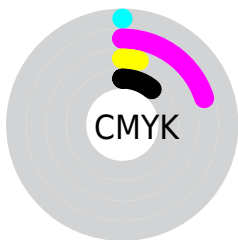
Blue (85%)



Red (89%)

Yellow (71%)

Blue (85%)

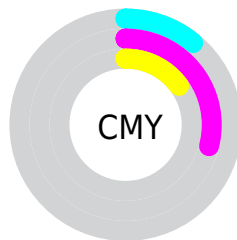


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 198.9720, 9.3808, 24.5806 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 198.9720, 9.3808, 24.5806 by changing the saturation by 10% instead.




 198.9720, 9.3808,  
24.5806


 198.9720, 9.3808,  
24.5806

255.0000, 0.0000,  
0.0000


 171.5590, 9.0914,  
24.0658


 244.4340, 5.2090,  
9.2664

 144.8470, 8.9494,  
22.9362

 119.1350, 8.8074,  
21.8066

 93.7220, 8.5181,  
21.2918

 70.0100, 8.3761,  
20.1622

 46.7110, 8.5235,  
19.5475

 24.4120, 8.6709,

18.9327

■ 10.1680, 5.3402,  
13.8847

■ 0.0000, 0.0000,  
0.0000

■ 198.9720, 9.3808,  
24.5806

■ 198.9720, 9.3808,  
24.5806

■ 185.0150, 14.2896,  
36.8208

■ 212.9290, 4.4720,  
12.3403

■ 171.5310, 18.4722,  
48.6463

■ 226.4130, 0.2894,  
0.5148

■ 157.5740, 23.3810,  
60.8866

■ 240.3700, -4.6194,  
-11.7255

■ 143.5030, 27.8530,  
73.2269

■ 244.4620, -4.1718,  
-15.3142

130.1330, 32.4724,  
84.9524

244.9180, -2.4246,  
-15.7141

116.0620, 36.9444,  
97.2926

245.4880, -0.2406,  
-16.2140

102.1050, 41.8532,  
109.5329

245.9440, 1.5066,  
-16.6139

88.7350, 46.4726,  
121.2584

246.5140, 3.6906,  
-17.1138

246.6280, 4.1274,  
-17.2138

# Harmonies

## Analogous

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



197.0600, 19.1974, 2.5784



198.9720, 9.3808, 24.5806



198.9600, -2.4453, 37.7461

# Triad

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



198.9720, 9.3808, 24.5806



193.7250, -23.0354, 15.1502



184.7360, 16.8922, -51.5115

# Complementary

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



198.9720, 9.3808, 24.5806



209.0280, -9.3808, -24.5806

# 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.



184.6910, 5.0823, -43.5790



198.9720, 9.3808, 24.5806



190.8580, -18.1710, -5.1375

# Square

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



198.9720, 9.3808, 24.5806



195.9920, -21.1951, 31.5790



187.6580, -8.2124, -26.0101



187.6260, 23.8484, -42.6450



# Rectangle

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



198.9720, 9.3808, 24.5806



197.7340, -9.7289, 40.5753



187.6580, -8.2124, -26.0101



184.2370, 13.6872, -50.1968

# Sweetspot

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



198.9720, 9.3808, 24.5806



245.8530, 3.0305, 8.0219



188.6360, 18.9135, 0.3192



122.4890, 1.7309, 4.8331



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.



198.9720, 9.3808, 24.5806



217.8250, 12.4113, 32.6025



196.4640, -0.2288, 26.7801



107.7280, 2.5991, 6.3775



69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545



# Inverse Universe

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



198.9720, 9.3808, 24.5806



217.8250, 12.4113, 32.6025



211.5360, 0.2288, -26.7801



107.7280, 2.5991, 6.3775



69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545



# Previews

## White Background



This preview shows how the YUV color 198.9720, 9.3808, 24.5806 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

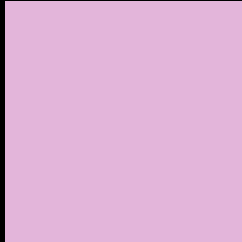
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 198.9720, 9.3808, 24.5806 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

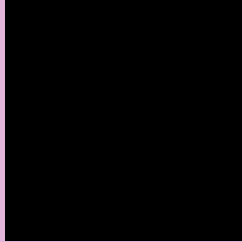
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 198.9720, 9.3808, 24.5806

## Background



This preview shows how black text looks on a background with the YUV color 198.9720, 9.3808, 24.5806.



This preview shows how white text looks on a background with the YUV color 198.9720, 9.3808,



# 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

198.9720, 9.3808, 24.5806

### Protanopia

195.5660, 15.0040, -5.7584

### Deuteranopia

197.1500, 9.2931, 6.0075



## Tritanopia

197.6700, 0.6557, 23.0914

# Trichromacy



## Original Color

198.9720, 9.3808, 24.5806

## Protanomaly

197.0620, 12.7874, 5.2076

## Deuteranomaly

197.8950, 9.4188, 12.3701

## Tritanomaly

198.1800, 3.8553, 23.5211

# Monochromacy



## Original Color

198.9720, 9.3808, 24.5806

## Achromatopsia

199.0000, 0.0000, 0.0000

## Achromatomaly

198.6790, 3.6093, 9.0515

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 198.9720, 9.3808, 24.5806 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(227, 181, 218)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 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(227, 181, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 218) }
```

## Border

The CSS property to change the border of an element to YUV 198.9720, 9.3808, 24.5806 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".

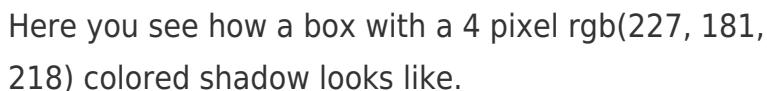
```
.border, #border, table{ border:4px solid rgb(227, 181, 218) }
```



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

```
.border{ border-color:rgb(227, 181, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 181, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 181, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 181, 218); box-shadow:4px 4px 4px 4px rgb(227, 181, 218) }
```

# Background

The CSS property to change the background color of an element to YUV 198.9720, 9.3808, 24.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 218) }
```

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

```
.background{ background-color: rgb(227,  
181, 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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