

Converting Colors

YUV(199.4760, 24.9083,
-9.1875)

Have a look what the booklet for
YUV(199.4760, 24.9083, -9.1875)
contains.

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Color

**YUV(199.4760, 24.9083,
-9.1875)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC3FA
RGB	189, 195, 250
RGB Percent	74%, 76%, 98%
CMY	0.2588, 0.2353, 0.0196
CMYK	0.24, 0.22, 0.00, 0.02
HSL	234°, 86%, 86%
HSV	234°, 24%, 98%
XYZ	57.7567, 56.7512, 98.3524
YIQ	199.4760, -21.2310, 15.8330

Conversions

Conversions Part 2

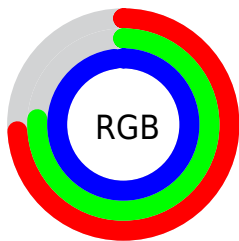
Format	Color
R_{YB}	189, 194, 250
Decimal	12436474
CIE Lab	80.04, 9.54, -27.75
CIE LCh	80, 29.342, 288.976
Yxy	56.7512, 0.2713, 0.2666
Android (android.graphics.Color)	4290626554 (0xFFBDC3FA)
YUV	199.4760, 24.9083, -9.1875
Hunter-Lab	75.3334, 5.0192, -24.6735

Details

The YUV color $199.4760, 24.9083, -9.1875$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.5240, -24.9083, 9.1875$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9610, 2.4842, -3.4738$, and $145.1340, 23.5979, -8.8875$ is the 20% darker color. If you saturate the color by 10%, you get $178.5000, 35.2495, -12.7165$, and if you desaturate by 10%, it is $220.4520, 14.5672, -5.6584$.

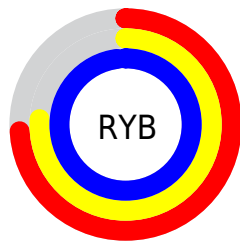
Distribution



Red (74%)

Green (76%)

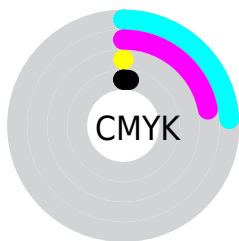
Blue (98%)



Red (74%)

Yellow (76%)

Blue (98%)

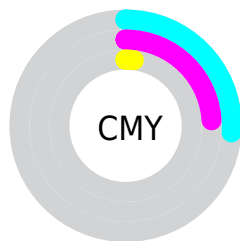


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4760, 24.9083, -9.1875 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 199.4760, 24.9083, -9.1875 by changing the saturation by 10% instead.

■ 199.4760, 24.9083,
-9.1875

■ 199.4760, 24.9083,
-9.1875

255.0000, 0.0000,
0.0000

■ 171.9490, 24.1821,
-9.6023

■ 249.9610, 2.4842,
-3.4738

■ 145.1340, 23.5979,
-8.8875

■ 119.3080, 23.0192,
-9.9171

■ 94.1940, 22.5824,
-9.8171

■ 70.2540, 21.5668,
-10.7468

■ 47.0150, 20.6986,
-12.2912

■ 23.8680, 20.2781,

-17.4242

■ 4.9020, 18.7823,
-4.2991

■ 3.0950, 9.3202,
-2.7143

■ 199.4760, 24.9083,
-9.1875

■ 199.4760, 24.9083,
-9.1875

■ 178.5000, 35.2495,
-12.7165

■ 220.4520, 14.5672,
-5.6584

■ 158.1110, 45.3013,
-16.7603

■ 240.8410, 4.5154,
-1.6146

■ 137.1350, 55.6424,
-20.2894

■ 254.4300, -2.1840,
0.4999

■ 116.7460, 65.6942,
-24.3332

■ 95.7700, 76.0354,
-27.8623

■ 75.3810, 86.0872,
-31.9061

■ 54.4050, 96.4283,
-35.4352

■ 43.1750, 101.9647,
-37.8645

Harmonies

Analogous

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



193.3260, 28.9263, -37.9969



199.4760, 24.9083, -9.1875



202.9480, 15.8016, 18.4626

Triad

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



199.4760, 24.9083, -9.1875



199.8730, -20.6434, 41.3304



187.9100, -0.4486, -42.8941

Complementary

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



199.4760, 24.9083, -9.1875



239.5240, -24.9083, 9.1875

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.



191.6820, -14.6332, -19.8921



199.4760, 24.9083, -9.1875



197.9930, -26.1255, 26.3161

Square

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



199.4760, 24.9083, -9.1875



201.7670, -9.7451, 45.8083



195.0180, -24.1659, 4.3692



185.4100, 14.5879, -59.1186

Rectangle

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



199.4760, 24.9083, -9.1875



202.9730, 7.9013, 32.4727



195.0180, -24.1659, 4.3692



188.9880, -5.4171, -35.9465

Sweetspot

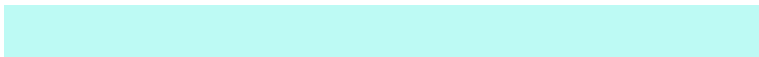
The Sweet Spot groups the original color and five complimentary colors.



199.4760, 24.9083, -9.1875



240.2260, 7.2836, -2.8292



231.0770, 6.3710, -36.9015



118.8410, 4.5154, -1.6146



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.



199.4760, 24.9083, -9.1875



193.5450, 30.2973, -11.0020



203.1300, 23.1069, 8.6560



114.6560, 5.0996, -2.3293



32.6990, 77.0564, -28.6770



10.4760, 24.9083, -9.1875

Inverse Universe

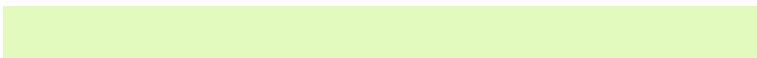
The Inverse Universe completely reimagines the original color for something new.



207.9230, -6.3710, 36.9015



203.9240, -7.8505, 44.7937



235.8700, -23.1069, -8.6560



116.1150, -1.0427, 7.7921



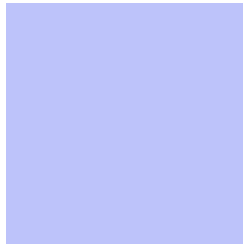
58.6770, -19.5608, 114.2933



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 199.4760, 24.9083, -9.1875 looks on a white background.

Color Contrast Check

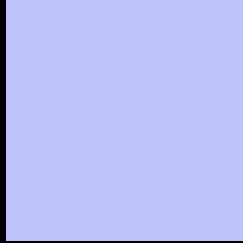
Large Text (above 18pt) WCAG AA × Fail

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 199.4760, 24.9083, -9.1875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

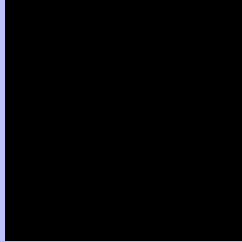
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.4760, 24.9083, -9.1875

Background



This preview shows how black text looks on a background with the YUV color 199.4760, 24.9083, -9.1875.



This preview shows how white text looks on a background with the YUV color 199.4760, 24.9083, -9.1875.

-9.1875.

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

199.4760, 24.9083, -9.1875

Protanopia

198.9810, 25.6454, -12.2613

Deuteranopia

199.4870, 24.9029, -7.4431



Tritanopia

197.4420, 9.6421, -12.6656

Trichromacy



Original Color

199.4760, 24.9083, -9.1875

Protanomaly

199.2800, 25.4980, -11.6466

Deuteranomaly

199.1880, 25.0503, -8.0579

Tritanomaly

198.2340, 15.1676, -11.6062

Monochromacy



Original Color

199.4760, 24.9083, -9.1875

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.3830, 9.1782, -3.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4760, 24.9083, -9.1875 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(189, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 250)  
}
```

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(189, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 250) }
```

Border

The CSS property to change the border of an element to YUV 199.4760, 24.9083, -9.1875 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(189, 195, 250) }
```


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

```
.border{ border-color:rgb(189, 195, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 250);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 199.4760, 24.9083, -9.1875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 250) }
```

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

```
.background{ background-color: rgb(189,  
195, 250) }
```

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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