

Converting Colors

YUV(124.8200, 43.4727, 9.8049)

Have a look what the booklet for
YUV(124.8200, 43.4727, 9.8049)
contains.

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Color

**YUV(124.8200, 43.4727,
9.8049)**

Conversions

Conversions Part 1

Format	Color
Hex	8866D5
RGB	136, 102, 213
RGB Percent	53%, 40%, 84%
CMY	0.4667, 0.6000, 0.1647
CMYK	0.36, 0.52, 0.00, 0.16
HSL	258°, 57%, 62%
HSV	258°, 52%, 84%
XYZ	26.9150, 19.5411, 65.3040
YIQ	124.8200, -15.3670, 41.7290

Conversions

Conversions Part 2

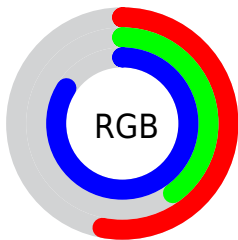
Format	Color
RYB	136, 102, 213
Decimal	8939221
CIELab	51.31, 38.19, -52.61
CIELCh	51, 65.006, 305.979
Yxy	19.5411, 0.2408, 0.1748
Android (android.graphics.Color)	4287129301 (0xFF8866D5)
YUV	124.8200, 43.4727, 9.8049
Hunter-Lab	44.2053, 31.3227, -56.6448

Details

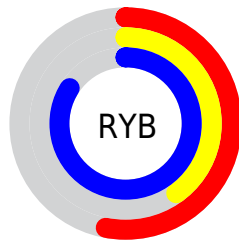
The YUV color **124.8200, 43.4727, 9.8049** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **190.1800, -43.4727, -9.8049**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1750, 38.3677, 13.8785**, and **73.9290, 41.4470, 6.2013** is the 20% darker color. If you saturate the color by 10%, you get **108.0080, 51.7611, 11.3940**, and if you desaturate by 10%, it is **141.6320, 35.1844, 8.2157**.

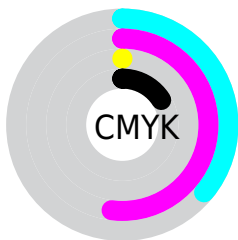
Distribution



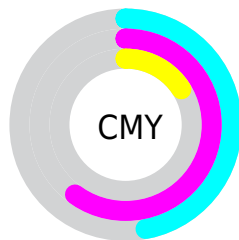
- Red (53%)
- Green (40%)
- Blue (84%)



- Red (53%)
- Yellow (40%)
- Blue (84%)



- Cyan (36%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.8200, 43.4727, 9.8049 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 124.8200, 43.4727, 9.8049 by changing the saturation by 10% instead.

124.8200, 43.4727,
9.8049

124.8200, 43.4727,
9.8049

255.0000, 0.0000,
0.0000

98.5810, 42.6046,
8.2605

177.1750, 38.3677,
13.8785

73.9290, 41.4470,
6.2013

201.6950, 26.2794,
17.8075

48.6790, 40.5843,
2.9125

226.8020, 13.9016,
21.2216

21.4610, 41.1847,
-3.0353

244.4340, 5.2090,
9.2664

9.1200, 34.9438,
-7.9982

9.3190, 23.0137,
-8.1728

5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 124.8200, 43.4727,
9.8049

■ 124.8200, 43.4727,
9.8049

■ 108.0080, 51.7611,
11.3940

■ 141.6320, 35.1844,
8.2157

■ 90.6090, 60.3388,
13.4979

■ 159.0310, 26.6067,
6.1118

■ 74.0960, 68.4797,
15.7018

■ 175.5440, 18.4658,
3.9079

■ 57.2840, 76.7680,
17.2909

■ 192.3560, 10.1775,
2.3188

■ 43.7170, 83.4565,
18.6652

■ 209.7550, 1.5998,
0.2149

■ 226.5670, -6.6885,
-1.3743

■ 243.0800,
-14.8294, -3.5782

■ 249.9130,
-18.1981, 3.5843

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



100.6380, 65.7475, -88.2595



124.8200, 43.4727, 9.8049



121.6070, 23.3647, 66.1197

Triad

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



124.8200, 43.4727, 9.8049



114.2920, -56.3460, 59.3799



101.3370, 15.1169, -88.8725

Complementary

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



124.8200, 43.4727, 9.8049



190.1800, -43.4727, -9.8049

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.



92.9640, -9.3493, -81.5294



124.8200, 43.4727, 9.8049



113.1640, -55.7899, 20.9042

Square

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



124.8200, 43.4727, 9.8049



114.8400, -27.0361, 85.2093



105.1090, -45.9027, -23.7746



106.9060, 38.9933, -93.7566

Rectangle

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



124.8200, 43.4727, 9.8049



115.1400, 8.3120, 87.5772



105.1090, -45.9027, -23.7746



99.1710, 6.8177, -86.9730

Sweetspot

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



124.8200, 43.4727, 9.8049



222.5610, 15.9924, 3.8930



160.4400, 25.9121, -51.2519



108.2420, 9.7407, 2.4188



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.



124.8200, 43.4727, 9.8049



127.3040, 62.9541, 14.6424



141.2650, 35.3654, 43.6176



98.4500, 4.2152, 1.3594



35.0420, 67.0273, 14.8722



8.7890, 16.8660, 3.6930

Inverse Universe

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



143.9670, 17.2713, 60.5419



154.9070, 25.1888, 87.7816



173.7350, -35.3654, -43.6176



100.2010, 1.8729, 5.9627



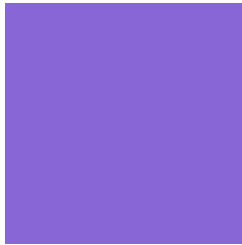
64.6950, 26.7724, 93.2295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 124.8200, 43.4727, 9.8049 looks on a white background.

Color Contrast Check

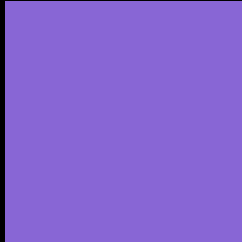
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.8200, 43.4727, 9.8049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

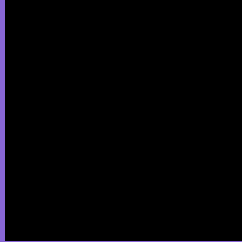
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.8200, 43.4727, 9.8049

Background



This preview shows how black text looks on a background with the YUV color 124.8200, 43.4727, 9.8049.



This preview shows how white text looks on a background with the YUV color 124.8200, 43.4727, 9.8049.

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

124.8200, 43.4727, 9.8049

Protanopia

114.9100, 56.7394, -45.5251

Deuteranopia

113.5540, 46.5619, -47.8439



Tritanopia

122.2430, 4.8102, -2.8441

Trichromacy



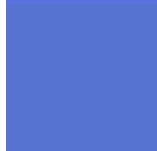
Original Color

124.8200, 43.4727, 9.8049



Protanomaly

118.7770, 51.8749, -25.2374



Deuteranomaly

117.4580, 45.6232, -26.7117



Tritanomaly

123.2340, 18.6186, 1.5488

Monochromacy



Original Color

124.8200, 43.4727, 9.8049



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

125.1480, 15.7030, 3.3782

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8200, 43.4727, 9.8049 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(136, 102, 213)` looks like.

```
.text, #text, p{  
    color:rgb(136, 102, 213)  
}
```

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(136, 102, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 102, 213) }
```

Border

The CSS property to change the border of an element to YUV 124.8200, 43.4727, 9.8049 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(136, 102, 213) }
```


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

```
.border{ border-color:rgb(136, 102, 213) }
```

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

Here you see how a box with a 4 pixel rgb(136, 102, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 102, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 102, 213);  
box-shadow:4px 4px 4px 4px rgb(136, 102,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 124.8200, 43.4727, 9.8049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 102, 213) }
```

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

```
.background{ background-color: rgb(136,  
102, 213) }
```

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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