

Converting Colors

YUV(123.9480, 39.4656,
35.1256)

Have a look what the booklet for
YUV(123.9480, 39.4656, 35.1256)
contains.

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Color

**YUV(123.9480, 39.4656,
35.1256)**

Conversions

Conversions Part 1

Format	Color
Hex	A458CC
RGB	164, 88, 204
RGB Percent	64%, 35%, 80%
CMY	0.3569, 0.6549, 0.2000
CMYK	0.20, 0.57, 0.00, 0.20
HSL	279°, 53%, 57%
HSV	279°, 57%, 80%
XYZ	29.6986, 19.2316, 59.2735
YIQ	123.9480, 8.0600, 52.1880

Conversions

Conversions Part 2

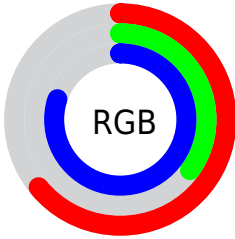
Format	Color
RYB	164, 88, 204
Decimal	10770636
CIELab	50.96, 50.68, -47.86
CIELCh	51, 69.708, 316.639
Yxy	19.2316, 0.2745, 0.1777
Android (android.graphics.Color)	4288960716 (0xFFA458CC)
YUV	123.9480, 39.4656, 35.1256
Hunter-Lab	43.8538, 44.1393, -49.4396

Details

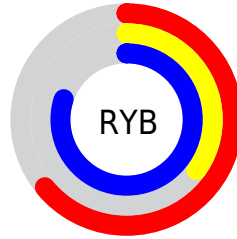
The YUV color **123.9480, 39.4656, 35.1256** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **168.0520, -39.4656, -35.1256**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9160, 38.0024, 37.7847**, and **70.1220, 38.8869, 34.0960** is the 20% darker color. If you saturate the color by 10%, you get **110.1150, 46.2853, 41.1181**, and if you desaturate by 10%, it is **137.7810, 32.6460, 29.1331**.

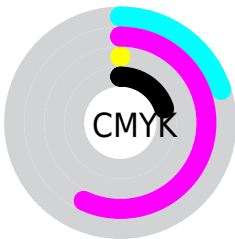
Distribution



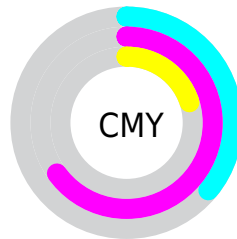
- Red (64%)
- Green (35%)
- Blue (80%)



- Red (64%)
- Yellow (35%)
- Blue (80%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (65%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9480, 39.4656, 35.1256 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 123.9480, 39.4656, 35.1256 by changing the saturation by 10% instead.

123.9480, 39.4656,
35.1256

123.9480, 39.4656,
35.1256

255.0000, 0.0000,
0.0000

97.1220, 38.8869,
34.0960

177.9160, 38.0024,
37.7847

70.1220, 38.8869,
34.0960

202.7350, 25.7666,
42.3284

39.1270, 41.3494,
37.5996

220.3670, 17.0741,
30.3731

27.5030, 34.2620,
24.1149

237.3900, 8.6817,
15.4440

17.5910, 27.3166,
11.7597

254.4130, 0.2894,
0.5148

5.5860, 21.4031,
-4.8989

3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 123.9480, 39.4656,
35.1256

■ 123.9480, 39.4656,
35.1256

■ 110.1150, 46.2853,
41.1181

■ 137.7810, 32.6460,
29.1331

■ 95.6950, 53.3944,
47.6255

■ 152.2010, 25.5369,
22.6257

■ 81.8620, 60.2140,
53.6180

■ 166.0340, 18.7172,
16.6332

■ 67.4420, 67.3231,
60.1254

■ 180.4540, 11.6082,
10.1258

■ 63.3220, 69.3543,
61.9846

■ 194.2870, 4.7885,
4.1333

■ 208.1200, -2.0312,
-1.8592

■ 222.5400, -9.1402,
-8.3666

■ 236.3730,
-15.9599, -14.3591

■ 240.8140,
-18.1493, -12.1149

Harmonies

Analogous

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



106.4610, 64.3557, -61.7943



123.9480, 39.4656, 35.1256



113.7730, 18.3529, 87.0221

Triad

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



123.9480, 39.4656, 35.1256



114.5140, -56.4554, 47.7842



104.4320, 24.4370, -91.5869

Complementary

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



123.9480, 39.4656, 35.1256



168.0520, -39.4656, -35.1256

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.



96.1900, -2.0657, -84.3586



123.9480, 39.4656, 35.1256



110.4070, -54.4307, 4.9051

Square

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



123.9480, 39.4656, 35.1256



113.3160, -39.1028, 82.1609



95.1250, -33.5856, -54.4836



108.7130, 48.4555, -95.3413

Rectangle

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



123.9480, 39.4656, 35.1256



108.6920, 1.1378, 102.0021



95.1250, -33.5856, -54.4836



101.4510, 15.5537, -88.9725

Sweetspot

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



123.9480, 39.4656, 35.1256



225.2740, 14.6549, 12.9147



125.2910, 38.8035, -32.7042



110.0470, 8.8508, 7.8518



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.



123.9480, 39.4656, 35.1256



135.5090, 58.9091, 52.1736



133.9700, 26.1438, 61.4163



94.9340, 3.4835, 2.6889



51.5150, 56.4411, 50.4143



11.8070, 12.9131, 11.5703

Inverse Universe

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



127.2440, 0.3727, 67.3150



140.4530, 0.2697, 100.4577



158.0300, -26.1438, -61.4163



95.3320, -0.1637, 5.8478



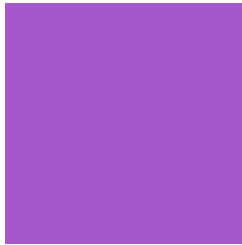
56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 123.9480, 39.4656, 35.1256 looks on a white background.

Color Contrast Check

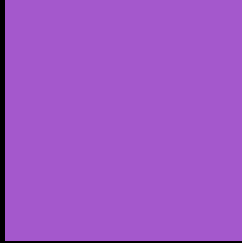
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.9480, 39.4656, 35.1256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

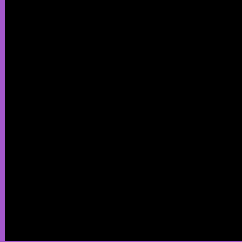
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.9480, 39.4656, 35.1256

Background



This preview shows how black text looks on a background with the YUV color 123.9480, 39.4656, 35.1256.



This preview shows how white text looks on a background with the YUV color 123.9480, 39.4656, 35.1256.

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

123.9480, 39.4656, 35.1256

Protanopia

112.5720, 59.3710, -49.6136

Deuteranopia

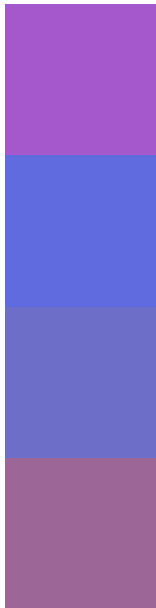
116.7960, 39.5406, -35.7781



Tritanopia

123.8720, -2.4019, 23.7913

Trichromacy



Original Color

123.9480, 39.4656, 35.1256

Protanomaly

116.5220, 52.0007, -18.8748

Deuteranomaly

119.6620, 39.6066, -10.2276

Tritanomaly

124.2050, 12.7169, 27.8842

Monochromacy



Original Color

123.9480, 39.4656, 35.1256

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1600, 14.2181, 13.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9480, 39.4656, 35.1256 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(164, 88, 204)` looks like.

```
.text, #text, p{  
    color:rgb(164, 88, 204)  
}
```

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(164, 88, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 88, 204) }
```

Border

The CSS property to change the border of an element to YUV 123.9480, 39.4656, 35.1256 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(164, 88, 204) }
```


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

```
.border{ border-color:rgb(164, 88, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 88, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 88, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 88, 204);  
box-shadow:4px 4px 4px 4px rgb(164, 88,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 123.9480, 39.4656, 35.1256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 88, 204) }
```

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

```
.background{ background-color: rgb(164, 88,  
204) }
```

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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