

Converting Colors

YUV(119.3820, 24.4617,
40.8840)

Have a look what the booklet for
YUV(119.3820, 24.4617, 40.8840)
contains.

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Color

**YUV(119.3820, 24.4617,
40.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	A656A9
RGB	166, 86, 169
RGB Percent	65%, 34%, 66%
CMY	0.3490, 0.6627, 0.3373
CMYK	0.02, 0.49, 0.00, 0.34
HSL	298°, 33%, 50%
HSV	298°, 49%, 66%
XYZ	26.2151, 17.6271, 39.5568
YIQ	119.3820, 21.0370, 42.7730

Conversions

Conversions Part 2

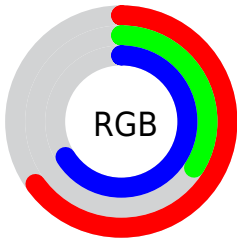
Format	Color
R _Y B	166, 86, 169
Decimal	10901161
CIE Lab	49.04, 45.12, -30.57
CIE LCh	49, 54.500, 325.882
Yxy	17.6271, 0.3143, 0.2114
Android (android.graphics.Color)	4289091241 (0xFFA656A9)
YUV	119.3820, 24.4617, 40.8840
Hunter-Lab	41.9847, 37.9816, -26.4721

Details

The YUV color **119.3820, 24.4617, 40.8840** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.6180, -24.4617, -40.8840**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9200, 25.1824, 43.0432**, and **66.6700, 24.3197, 39.7544** is the 20% darker color. If you saturate the color by 10%, you get **109.1040, 29.5287, 49.0208**, and if you desaturate by 10%, it is **129.6600, 19.3946, 32.7472**.

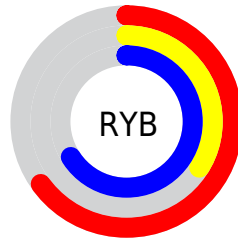
Distribution



Red (65%)

Green (34%)

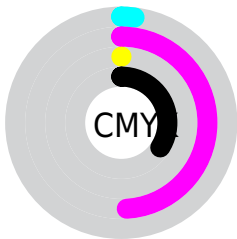
Blue (66%)



Red (65%)

Yellow (34%)

Blue (66%)

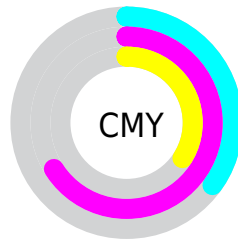


Cyan (2%)

Magenta (49%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (66%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3820, 24.4617, 40.8840 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 119.3820, 24.4617, 40.8840 by changing the saturation by 10% instead.

■ 119.3820, 24.4617,
40.8840

■ 119.3820, 24.4617,
40.8840

■ 255.0000, 0.0000,
0.0000

■ 92.9690, 24.1723,
40.3692

■ 173.9200, 25.1824,
43.0432

■ 66.6700, 24.3197,
39.7544

■ 201.6320, 25.3244,
44.1727

■ 36.7890, 27.2190,
43.1580

■ 219.1930, 17.6529,
31.4027

■ 25.6920, 20.8578,
30.0881

■ 235.6290, 9.5499,
16.9884

■ 16.7910, 13.9070,
19.4773

■ 252.6520, 1.1576,
2.0592

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 119.3820, 24.4617,
40.8840

■ 119.3820, 24.4617,
40.8840

■ 109.1040, 29.5287,
49.0208

■ 129.6600, 19.3946,
32.7472

■ 99.1250, 34.4484,
57.7724

■ 139.6390, 14.4750,
23.9956

■ 88.8470, 39.5154,
65.9092

■ 149.9170, 9.4079,
15.8588

■ 78.8680, 44.4351,
74.6608

■ 159.8960, 4.4883,
7.1072

■ 69.1770, 49.2127,
82.2828

■ 169.5870, -0.2894,
-0.5148

■ 68.0030, 49.7915,
83.3124

■ 179.8650, -5.3564,
-8.6516

■ 189.8440,
-10.2761, -17.4032

■ 200.1220,
-15.3431, -25.5400

■ 210.1010,
-20.2628, -34.2916

Harmonies

Analogous

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



116.7050, 41.0644, -11.1423



119.3820, 24.4617, 40.8840



114.2320, 5.3086, 70.8335

Triad

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



119.3820, 24.4617, 40.8840



109.6690, -51.6018, 30.9853



98.7900, 28.2045, -86.6388

Complementary

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



119.3820, 24.4617, 40.8840



135.6180, -24.4617, -40.8840

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.



93.3180, 7.2382, -81.8399



119.3820, 24.4617, 40.8840



106.2560, -42.0312, -5.4865

Square

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



119.3820, 24.4617, 40.8840



113.1450, -36.5535, 57.7548



94.6960, -16.1191, -56.7384



100.5460, 45.0868, -88.1788

Rectangle

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



119.3820, 24.4617, 40.8840



112.7800, -9.2585, 76.4919



94.6960, -16.1191, -56.7384



96.9660, 21.2158, -85.0392

Sweetspot

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



119.3820, 24.4617, 40.8840



199.3300, 9.6973, 16.3736



97.8100, 35.0967, -10.3574



97.9610, 5.9352, 9.6812



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.3820, 24.4617, 40.8840



142.0810, 37.9211, 63.9500



116.0610, 7.8579, 46.4275



79.3040, 2.3151, 4.1184



59.6290, 43.5669, 73.1164



8.2600, 5.7878, 10.2960

Inverse Universe

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



111.1590, -10.9244, 50.7266



129.1410, -16.8315, 78.8063



138.9390, -7.8579, -46.4275



78.3920, -1.1793, 4.9182



44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 119.3820, 24.4617, 40.8840 looks on a white 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

Black Background



This preview shows how the YUV color 119.3820, 24.4617, 40.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

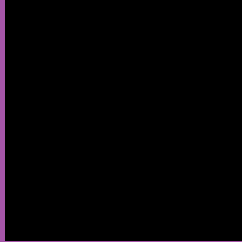
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.3820, 24.4617, 40.8840

Background



This preview shows how black text looks on a background with the YUV color 119.3820, 24.4617, 40.8840.



This preview shows how white text looks on a background with the YUV color 119.3820, 24.4617,

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

119.3820, 24.4617, 40.8840

Protanopia

114.3350, 38.7818, -25.7268

Deuteranopia

116.9870, 23.1774, -14.0206



Tritanopia

118.8410, -5.3446, 34.3424

Trichromacy



Original Color

119.3820, 24.4617, 40.8840

Protanomaly

116.1100, 33.4698, -1.8505

Deuteranomaly

117.9340, 23.6965, 6.1969

Tritanomaly

119.3110, 5.2697, 36.5613

Monochromacy



Original Color

119.3820, 24.4617, 40.8840

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0910, 8.8291, 14.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3820, 24.4617, 40.8840 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(166, 86, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 86, 169)  
}
```

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(166, 86, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 86, 169) }
```

Border

The CSS property to change the border of an element to YUV 119.3820, 24.4617, 40.8840 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(166, 86, 169) }
```


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

```
.border{ border-color:rgb(166, 86, 169) }
```

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

Here you see how a box with a 4 pixel rgb(166, 86, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 86, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 86, 169);  
box-shadow:4px 4px 4px 4px rgb(166, 86,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 119.3820, 24.4617, 40.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 86, 169) }
```

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

```
.background{ background-color: rgb(166, 86,  
169) }
```

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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