

Converting Colors

YUV(119.1250, 24.0954,
18.3074)

Have a look what the booklet for
YUV(119.1250, 24.0954, 18.3074)
contains.

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Color

**YUV(119.1250, 24.0954,
18.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	8C63A8
RGB	140, 99, 168
RGB Percent	55%, 39%, 66%
CMY	0.4510, 0.6118, 0.3412
CMYK	0.17, 0.41, 0.00, 0.34
HSL	276°, 28%, 52%
HSV	276°, 41%, 66%
XYZ	22.3449, 17.3263, 39.2124
YIQ	119.1250, 2.2870, 30.1510

Conversions

Conversions Part 2

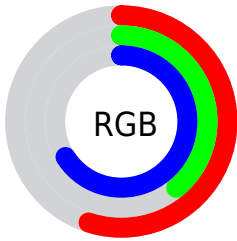
Format	Color
R_{YB}	140, 99, 168
Decimal	9200552
CIE _{Lab}	48.67, 29.85, -30.80
CIE _{LCh}	49, 42.887, 314.104
Yxy	17.3263, 0.2833, 0.2196
Android (android.graphics.Color)	4287390632 (0xFF8C63A8)
YUV	119.1250, 24.0954, 18.3074
Hunter-Lab	41.6249, 22.9784, -26.7163

Details

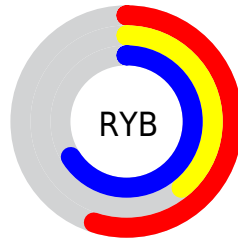
The YUV color **119.1250, 24.0954, 18.3074** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.8750, -24.0954, -18.3074**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3640, 24.9635, 19.8518**, and **69.4730, 22.9378, 16.2482** is the 20% darker color. If you saturate the color by 10%, you get **107.0530, 30.0469, 22.7555**, and if you desaturate by 10%, it is **131.1970, 18.1439, 13.8592**.

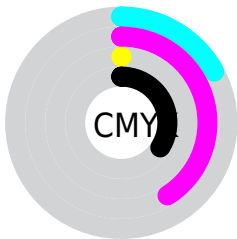
Distribution



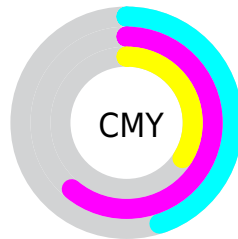
- Red (55%)
- Green (39%)
- Blue (66%)



- Red (55%)
- Yellow (39%)
- Blue (66%)



- Cyan (17%)
- Magenta (41%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (61%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.1250, 24.0954, 18.3074 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 119.1250, 24.0954, 18.3074 by changing the saturation by 10% instead.

■ 119.1250, 24.0954,
18.3074

■ 119.1250, 24.0954,
18.3074

■ 255.0000, 0.0000,
0.0000

■ 94.1850, 23.0798,
17.3778

■ 172.3640, 24.9635,
19.8518

■ 69.4730, 22.9378,
16.2482

■ 199.3040, 25.9791,
20.7814

■ 45.9460, 22.2116,
15.8334

■ 224.7530, 14.9118,
23.8956

■ 22.2340, 22.0696,
14.7038

■ 242.0860, 6.3666,
11.3256

■ 10.9960, 16.2710,
7.8965

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 119.1250, 24.0954,
18.3074

■ 119.1250, 24.0954,
18.3074

■ 107.0530, 30.0469,
22.7555

■ 131.1970, 18.1439,
13.8592

■ 94.9810, 35.9984,
27.2037

■ 143.2690, 12.1924,
9.4111

■ 83.7950, 41.5131,
31.7518

■ 154.4550, 6.6777,
4.8630

■ 71.7230, 47.4646,
36.1999

■ 166.5270, 0.7262,
0.4148

■ 59.6510, 53.4161,
40.6481

■ 178.5990, -5.2253,
-4.0333

■ 49.0520, 58.6414,
44.6814

■ 190.6710,
-11.1768, -8.4815

■ 202.7430,
-17.1283, -12.9296

■ 214.2280,
-22.7904, -16.8630

■ 226.0010,
-28.5945, -21.9259

Harmonies

Analogous

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



112.9390, 36.0191, -26.2565



119.1250, 24.0954, 18.3074



118.0010, 8.8735, 47.3571

Triad

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



119.1250, 24.0954, 18.3074



113.2730, -34.1516, 33.9636



93.7060, 18.8789, -82.1802

Complementary

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



119.1250, 24.0954, 18.3074



147.8750, -24.0954, -18.3074

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.



88.2000, 2.8594, -77.3514



119.1250, 24.0954, 18.3074



110.4070, -34.2177, 8.4131

Square

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



119.1250, 24.0954, 18.3074



114.5540, -23.4441, 53.0111



105.7110, -22.0425, -23.4255



95.7070, 34.1614, -83.9350

Rectangle

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



119.1250, 24.0954, 18.3074



115.9070, -1.9262, 57.9636



105.7110, -22.0425, -23.4255



92.3380, 13.6374, -80.9804

Sweetspot

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



119.1250, 24.0954, 18.3074



200.7480, 8.9982, 7.2370



123.8890, 21.7467, -21.8277



98.5150, 5.6621, 3.9333



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.



119.1250, 24.0954, 18.3074



143.3340, 37.3033, 28.6481



126.8130, 17.3472, 36.1210



78.4070, 2.7573, 2.2741



43.1840, 51.6743, 39.3036



5.8680, 6.9671, 5.3778

Inverse Universe

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



122.8230, 2.0593, 39.6202



148.8950, 3.0098, 61.4821



140.1870, -17.3472, -36.1210



78.7340, 0.1311, 4.6183



51.0920, 4.3916, 84.9883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 119.1250, 24.0954, 18.3074 looks on a white background.

Color Contrast Check

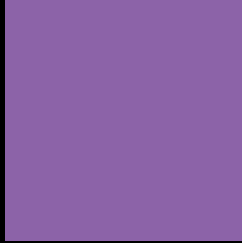
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.1250, 24.0954, 18.3074 looks on a black 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

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

YUV 119.1250, 24.0954, 18.3074

Background



This preview shows how black text looks on a background with the YUV color 119.1250, 24.0954, 18.3074.



This preview shows how white text looks on a background with the YUV color 119.1250, 24.0954,

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

119.1250, 24.0954, 18.3074

Protanopia

114.6470, 32.2190, -20.7384

Deuteranopia

115.3180, 24.4932, -16.0649



Tritanopia

117.4900, 0.2514, 12.7253

Trichromacy



Original Color

119.1250, 24.0954, 18.3074

Protanomaly

116.6380, 29.2655, -6.6985

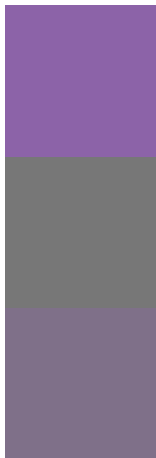
Deuteranomaly

116.6940, 24.3079, -3.2396

Tritanomaly

118.0910, 8.8291, 14.8292

Monochromacy



Original Color

119.1250, 24.0954, 18.3074

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3350, 8.7088, 6.7222

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1250, 24.0954, 18.3074 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(140, 99, 168)` looks like.

```
.text, #text, p{  
    color:rgb(140, 99, 168)  
}
```

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(140, 99, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 99, 168) }
```

Border

The CSS property to change the border of an element to YUV 119.1250, 24.0954, 18.3074 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(140, 99, 168) }
```


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

```
.border{ border-color:rgb(140, 99, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 99, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 99, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 99, 168); box-shadow:4px 4px 4px 4px rgb(140, 99, 168) }
```

Background

The CSS property to change the background color of an element to YUV 119.1250, 24.0954, 18.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 99, 168) }
```

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

```
.background{ background-color: rgb(140, 99,  
168) }
```

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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