

Converting Colors

YUV(119.9210, 0.0389, 34.2723)

Have a look what the booklet for
YUV(119.9210, 0.0389, 34.2723)
contains.

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Color

**YUV(119.9210, 0.0389,
34.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6478
RGB	159, 100, 120
RGB Percent	62%, 39%, 47%
CMY	0.3765, 0.6078, 0.5294
CMYK	0.00, 0.37, 0.25, 0.38
HSL	340°, 24%, 51%
HSV	340°, 37%, 62%
XYZ	22.2454, 17.8413, 20.0406
YIQ	119.9210, 28.7440, 18.7280

Conversions

Conversions Part 2

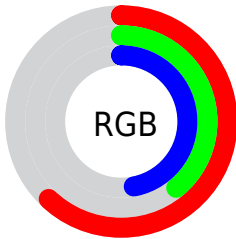
Format	Color
R_{YB}	159, 100, 120
Decimal	10445944
CIE _{Lab}	49.30, 26.65, -1.17
CIE _{LCh}	49, 26.679, 357.477
Yxy	17.8413, 0.3700, 0.2967
Android (android.graphics.Color)	4288636024 (0xFF9F6478)
YUV	119.9210, 0.0389, 34.2723
Hunter-Lab	42.2390, 20.0898, 1.4368

Details

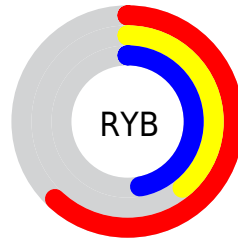
The YUV color **119.9210, 0.0389, 34.2723** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.0790, -0.0389, -34.2723**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1170, -0.5507, 36.7314**, and **70.4260, 0.7760, 31.1984** is the 20% darker color. If you saturate the color by 10%, you get **109.2750, -0.1356, 43.6088**, and if you desaturate by 10%, it is **130.5670, 0.2135, 24.9357**.

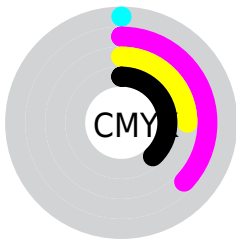
Distribution



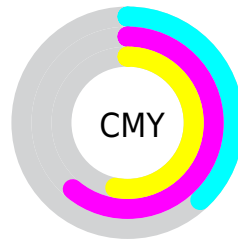
- Red (62%)
- Green (39%)
- Blue (47%)



- Red (62%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (38%)





- Cyan (38%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9210, 0.0389, 34.2723 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 119.9210, 0.0389, 34.2723 by changing the saturation by 10% instead.

 119.9210, 0.0389,
34.2723


 119.9210, 0.0389,
34.2723

255.0000, 0.0000,
0.0000

 94.3230, 0.3338,
33.0427


 173.1170, -0.5507,
36.7314

 70.4260, 0.7760,
31.1984


 200.7150, -0.8455,
37.9609


 46.8280, 1.0708,
29.9688

 223.1590, 2.3866,
27.9246

 22.8710, 2.5286,
29.0541

 243.2600, 5.7878,
10.2960

 11.1770, -5.0173,
22.6468

 0.0000, 0.0000,
0.0000

■ 119.9210, 0.0389,
34.2723

■ 119.9210, 0.0389,
34.2723

■ 109.2750, -0.1356,
43.6088

■ 130.5670, 0.2135,
24.9357

■ 98.7430, 0.1267,
52.8454

■ 141.0990, -0.0488,
15.6992

■ 88.0970, -0.0478,
62.1819

■ 151.7450, 0.1257,
6.3626

■ 77.5650, 0.2145,
71.4185

■ 162.2770, -0.1366,
-2.8739

■ 66.9190, 0.0399,
80.7550

■ 172.3360, 0.3274,
-11.6957

■ 56.9740, 0.0128,
89.4768


■ 182.8680, 0.0651,
-20.9322

■ 53.6970, 0.1494,
92.3507

■ 193.5140, 0.2396,
-30.2688

■ 204.0460, -0.0227,

-39.5053

 214.6920, 0.1518,
-48.8419

Harmonies

Analogous

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



120.2920, 10.7020, 20.7919



119.9210, 0.0389, 34.2723



118.4840, -10.5916, 37.2865

Triad

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



119.9210, 0.0389, 34.2723



113.4670, -18.4712, -2.1636



105.6850, 24.3123, -51.4667

Complementary

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



119.9210, 0.0389, 34.2723



139.0790, -0.0389, -34.2723

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.



101.5070, 17.4980, -59.2036



119.9210, 0.0389, 34.2723



110.1530, -8.9494, -22.9362

Square

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



119.9210, 0.0389, 34.2723



115.7790, -21.5830, 15.9798



105.4630, 4.2087, -43.3791



113.4260, 23.9470, -27.5606

Rectangle

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



119.9210, 0.0389, 34.2723



117.9690, -16.2537, 33.3532



105.4630, 4.2087, -43.3791



103.0110, 23.1656, -57.0146

Sweetspot

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



119.9210, 0.0389, 34.2723



191.7890, 0.1040, 13.3400



118.0880, 20.1696, 17.4628



95.7560, 0.1203, 8.1070



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.9210, 0.0389, 34.2723



145.3410, -0.1681, 54.0749



122.9240, -11.3015, 31.6387



73.7340, 0.1311, 4.6183



48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Inverse Universe

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



119.9210, 0.0389, 34.2723



145.3410, -0.1681, 54.0749



136.0760, 11.3015, -31.6387



73.7340, 0.1311, 4.6183



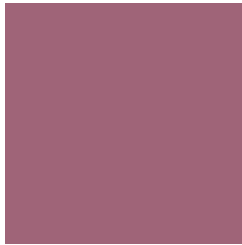
48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 119.9210, 0.0389, 34.2723 looks on a white background.

Color Contrast Check

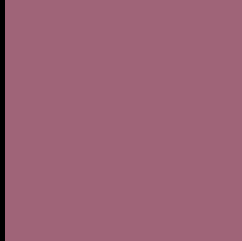
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9210, 0.0389, 34.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

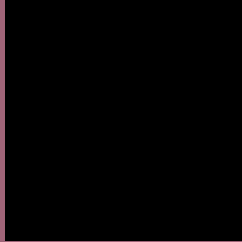
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.9210, 0.0389, 34.2723

Background



This preview shows how black text looks on a background with the YUV color 119.9210, 0.0389, 34.2723.



This preview shows how white text looks on a background with the YUV color 119.9210, 0.0389,

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

119.9210, 0.0389, 34.2723

Protanopia

118.1830, 5.8258, -1.9145

Deuteranopia

118.9410, -0.4639, 8.8217



Tritanopia

119.5420, -5.1972, 33.7277

Trichromacy



Original Color

119.9210, 0.0389, 34.2723

Protanomaly

118.9890, 3.4564, 11.4106

Deuteranomaly

119.4090, -0.2016, 18.0583

Tritanomaly

119.4110, -3.1606, 33.8426

Monochromacy



Original Color

119.9210, 0.0389, 34.2723

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0770, -0.0380, 12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9210, 0.0389, 34.2723 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(159, 100, 120)` looks like.

```
.text, #text, p{  
    color:rgb(159, 100, 120)  
}
```

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(159, 100, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 100, 120) }
```

Border

The CSS property to change the border of an element to YUV 119.9210, 0.0389, 34.2723 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(159, 100, 120) }
```


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

```
.border{ border-color:rgb(159, 100, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 100, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 100, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 100, 120);  
box-shadow:4px 4px 4px 4px rgb(159, 100,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 119.9210, 0.0389, 34.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 100, 120) }
```

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

```
.background{ background-color: rgb(159,  
100, 120) }
```

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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