

Converting Colors

YUV(109.9750, 41.9173,
42.1179)

Have a look what the booklet for
YUV(109.9750, 41.9173, 42.1179)
contains.

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Color

**YUV(109.9750, 41.9173,
42.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	9E45C3
RGB	158, 69, 195
RGB Percent	62%, 27%, 76%
CMY	0.3804, 0.7294, 0.2353
CMYK	0.19, 0.65, 0.00, 0.24
HSL	282°, 51%, 52%
HSV	282°, 65%, 76%
XYZ	26.0790, 15.4655, 53.2404
YIQ	109.9750, 12.5980, 58.0540

Conversions

Conversions Part 2

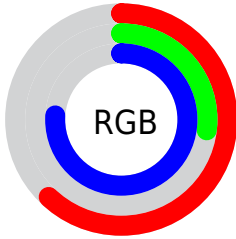
Format	Color
R _Y B	158, 69, 195
Decimal	10372547
CIE Lab	46.27, 56.52, -50.21
CIE LCh	46, 75.600, 318.383
Yxy	15.4655, 0.2751, 0.1632
Android (android.graphics.Color)	4288562627 (0xFF9E45C3)
YUV	109.9750, 41.9173, 42.1179
Hunter-Lab	39.3262, 49.5508, -52.7394

Details

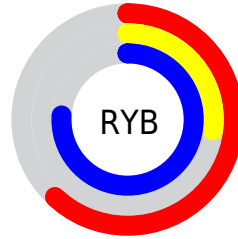
The YUV color **109.9750, 41.9173, 42.1179** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **154.0250, -41.9173, -42.1179**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5130, 42.6381, 44.2771**, and **48.8060, 44.9586, 46.6511** is the 20% darker color. If you saturate the color by 10%, you get **96.4410, 48.5896, 48.7252**, and if you desaturate by 10%, it is **123.5090, 35.2451, 35.5106**.

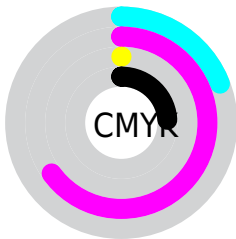
Distribution



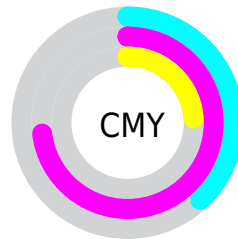
- Red (62%)
- Green (27%)
- Blue (76%)



- Red (62%)
- Yellow (27%)
- Blue (76%)



- Cyan (19%)
- Magenta (65%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (73%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9750, 41.9173, 42.1179 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 109.9750, 41.9173, 42.1179 by changing the saturation by 10% instead.

109.9750, 41.9173,
42.1179

109.9750, 41.9173,
42.1179

255.0000, 0.0000,
0.0000

81.9750, 41.9173,
42.1179

165.5130, 42.6381,
44.2771

48.8060, 44.9586,
46.6511

190.3750, 31.8601,
47.9061

35.4210, 38.7394,
34.7108

209.8010, 22.2831,
39.6395

24.4980, 31.7995,
20.6113

226.2370, 14.1802,
25.2252

13.6890, 25.2963,
6.4117

243.2600, 5.7878,
10.2960

6.5490, 17.4773,
-5.7435

2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 109.9750, 41.9173,
42.1179

■ 109.9750, 41.9173,
42.1179

■ 96.4410, 48.5896,
48.7252

■ 123.5090, 35.2451,
35.5106

■ 83.7930, 54.8251,
55.4325

■ 136.1570, 29.0096,
28.8033

■ 70.8460, 61.2079,
61.5251

■ 149.6910, 22.3373,
22.1960

■ 63.4920, 64.8334,
65.3435

■ 162.6380, 15.9545,
16.1035

■ 176.1720, 9.2822,
9.4962

■ 188.8200, 3.0467,
2.7889

■ 202.3540, -3.6255,
-3.8185

■ 215.3010,
-10.0084, -9.9110

■ 228.2480,
-16.3913, -16.0035

Harmonies

Analogous

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



87.4960, 71.2405, -76.7340



109.9750, 41.9173, 42.1179



86.3160, 24.9872, 105.8399

Triad

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



109.9750, 41.9173, 42.1179



103.5720, -51.0610, 44.2254



96.7040, 25.2889, -84.8094

Complementary

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



109.9750, 41.9173, 42.1179



154.0250, -41.9173, -42.1179

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.



88.5930, -3.2503, -77.6961



109.9750, 41.9173, 42.1179



98.2690, -48.4466, -1.1129

Square

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



109.9750, 41.9173, 42.1179



97.1010, -46.3918, 86.7344



75.7230, -37.3314, -66.4091



101.9140, 50.3284, -89.3786

Rectangle

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



109.9750, 41.9173, 42.1179



76.0120, 9.3611, 124.5235



75.7230, -37.3314, -66.4091



94.1960, 15.6794, -82.6099

Sweetspot

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



109.9750, 41.9173, 42.1179



219.6380, 15.9545, 16.1035



105.6700, 44.0397, -32.1596



107.6990, 10.0084, 9.9110



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.



109.9750, 41.9173, 42.1179



119.9050, 65.1228, 65.8583



118.1880, 25.5433, 67.3641



90.2330, 3.3361, 3.3037



52.1410, 53.6675, 53.3733



10.6390, 11.0240, 10.8406

Inverse Universe

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



110.8920, -2.4118, 73.7627



121.1020, -3.9943, 114.7975



145.8120, -25.5433, -67.3641



90.3320, -0.1637, 5.8478



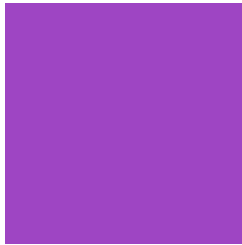
53.4970, -3.2030, 94.2801



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 109.9750, 41.9173, 42.1179 looks on a white background.

Color Contrast Check

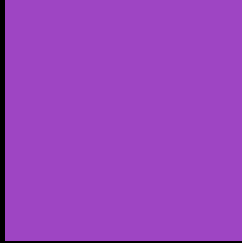
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.9750, 41.9173, 42.1179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

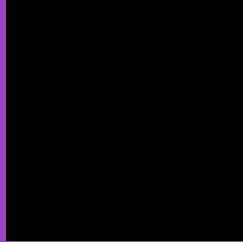
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.9750, 41.9173, 42.1179

Background



This preview shows how black text looks on a background with the YUV color 109.9750, 41.9173, 42.1179.



This preview shows how white text looks on a background with the YUV color 109.9750, 41.9173,

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

109.9750, 41.9173, 42.1179

Protanopia

87.8720, 67.6041, -77.0637

Deuteranopia

102.6210, 41.5988, -42.6406



Tritanopia

111.8510, -3.8705, 28.1947

Trichromacy



Original Color

109.9750, 41.9173, 42.1179



Protanomaly

96.0300, 58.1592, -34.2293



Deuteranomaly

105.5200, 41.6486, -11.8570



Tritanomaly

111.2380, 12.7007, 33.1173

Monochromacy



Original Color

109.9750, 41.9173, 42.1179



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8120, 15.3757, 15.0739

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9750, 41.9173, 42.1179 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(158, 69, 195)` looks like.

```
.text, #text, p{  
    color:rgb(158, 69, 195)  
}
```

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(158, 69, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 69, 195) }
```

Border

The CSS property to change the border of an element to YUV 109.9750, 41.9173, 42.1179 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(158, 69, 195) }
```


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

```
.border{ border-color:rgb(158, 69, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 69, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 69, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 69, 195);  
box-shadow:4px 4px 4px 4px rgb(158, 69,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 109.9750, 41.9173, 42.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 69, 195) }
```

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

```
.background{ background-color: rgb(158, 69,  
195) }
```

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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