

Converting Colors

YUV(102.4950, 9.6160, 42.5389)

Have a look what the booklet for
YUV(102.4950, 9.6160, 42.5389)
contains.

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Color

**YUV(102.4950, 9.6160,
42.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	974A7A
RGB	151, 74, 122
RGB Percent	59%, 29%, 48%
CMY	0.4078, 0.7098, 0.5216
CMYK	0.00, 0.51, 0.19, 0.41
HSL	323°, 34%, 44%
HSV	323°, 51%, 59%
XYZ	18.7241, 12.8820, 19.9120
YIQ	102.4950, 30.4840, 31.2520

Conversions

Conversions Part 2

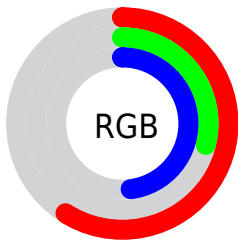
Format	Color
R_{YB}	151, 74, 122
Decimal	9915002
CIE _{Lab}	42.58, 38.41, -12.51
CIE _{LCh}	43, 40.398, 341.955
Yxy	12.8820, 0.3634, 0.2500
Android (android.graphics.Color)	4288105082 (0xFF974A7A)
YUV	102.4950, 9.6160, 42.5389
Hunter-Lab	35.8915, 30.3109, -7.7690

Details

The YUV color **102.4950, 9.6160, 42.5389** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **122.5050, -9.6160, -42.5389**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1040, 9.3157, 45.5128**, and **51.1250, 10.7844, 41.1094** is the 20% darker color. If you saturate the color by 10%, you get **93.0060, 11.3360, 50.8607**, and if you desaturate by 10%, it is **111.9840, 7.8959, 34.2170**.

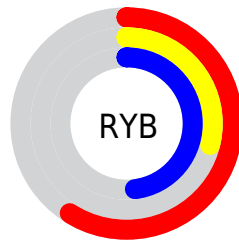
Distribution



Red (59%)

Green (29%)

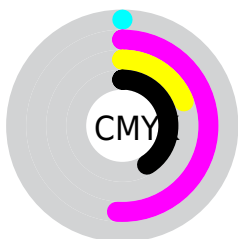
Blue (48%)



Red (59%)

Yellow (29%)

Blue (48%)

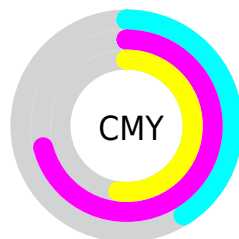


Cyan (0%)

Magenta (51%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (71%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.4950, 9.6160, 42.5389 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 102.4950, 9.6160, 42.5389 by changing the saturation by 10% instead.

102.4950, 9.6160,
42.5389

102.4950, 9.6160,
42.5389

255.0000, 0.0000,
0.0000

76.8970, 9.9108,
41.3093

155.1040, 9.3157,
45.5128

51.1250, 10.7844,
41.1094

182.8160, 9.4577,
46.6424

27.3420, 11.6634,
39.1651

207.5380, 11.0738,
41.6242

18.0710, 5.8810,
27.1247

226.8240, 13.8908,
24.7104

4.7840, -2.3585,
9.8364

243.8470, 5.4984,
9.7812

0.0000, 0.0000,
0.0000

102.4950, 9.6160,
42.5389

102.4950, 9.6160,
42.5389

93.0060, 11.3360,
50.8607

111.9840, 7.8959,
34.2170

83.6310, 13.4929,
59.0826

121.3590, 5.7390,
25.9952

74.1420, 15.2130,
67.4045

130.8480, 4.0189,
17.6733

64.6530, 16.9331,
75.7263

140.3370, 2.2989,
9.3515

55.8650, 18.8006,
83.4334

150.2990, -0.1474,
0.6148

159.7880, -1.8675,
-7.7071

169.2770, -3.5876,
-16.0289

178.6520, -5.7444,

-24.2508

■ 188.1410, -7.4645,
-32.5727

Harmonies

Analogous

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



103.4620, 22.9432, 14.5038



102.4950, 9.6160, 42.5389



100.1470, -5.9885, 54.2451

Triad

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



102.4950, 9.6160, 42.5389



95.5750, -32.3285, 9.1427



83.9210, 29.6189, -73.5987

Complementary

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



102.4950, 9.6160, 42.5389



122.5050, -9.6160, -42.5389

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.



81.5610, 15.4994, -71.5290



102.4950, 9.6160, 42.5389



91.2600, -21.3272, -19.5220

Square

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



102.4950, 9.6160, 42.5389



98.3590, -31.2360, 32.1342



77.0980, 0.9377, -67.6149



83.2660, 39.8019, -73.0243

Rectangle

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



102.4950, 9.6160, 42.5389



99.2040, -15.8766, 52.4411



77.0980, 0.9377, -67.6149



83.4820, 25.3984, -73.2137

Sweetspot

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



102.4950, 9.6160, 42.5389



177.7230, 3.5876, 16.0289



91.1500, 29.5061, 9.5155



88.3370, 2.2989, 9.3515



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



102.4950, 9.6160, 42.5389



121.0170, 14.7816, 65.7601



98.1630, -6.9824, 46.3380



71.9620, 1.0047, 4.4183



51.7780, 17.3644, 77.3707



4.7990, 1.5781, 7.1923

Inverse Universe

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



102.4950, 9.6160, 42.5389



121.0170, 14.7816, 65.7601



126.8370, 6.9824, -46.3380



71.9620, 1.0047, 4.4183



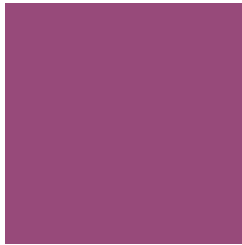
51.7780, 17.3644, 77.3707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 102.4950, 9.6160, 42.5389 looks on a white background.

Color Contrast Check

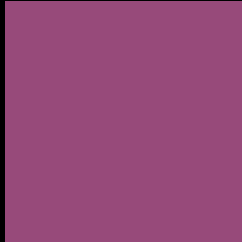
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.4950, 9.6160, 42.5389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

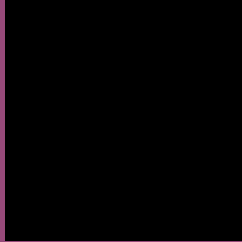
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.4950, 9.6160, 42.5389

Background



This preview shows how black text looks on a background with the YUV color 102.4950, 9.6160, 42.5389.



This preview shows how white text looks on a background with the YUV color 102.4950, 9.6160,

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

102.4950, 9.6160, 42.5389

Protanopia

101.3850, 19.5302, -10.8616

Deuteranopia

102.3620, 7.7095, 0.5595



Tritanopia

101.7170, -7.2555, 40.5902

Trichromacy



Original Color

102.4950, 9.6160, 42.5389

Protanomaly

102.1810, 15.6868, 8.6113

Deuteranomaly

102.2760, 8.2449, 15.5439

Tritanomaly

101.7370, -0.8563, 41.4497

Monochromacy



Original Color

102.4950, 9.6160, 42.5389

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.3100, 3.2982, 15.5141

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.4950, 9.6160, 42.5389 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(151, 74, 122)` looks like.

```
.text, #text, p{  
  color:rgb(151, 74, 122)  
}
```

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(151, 74, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 74, 122) }
```

Border

The CSS property to change the border of an element to YUV 102.4950, 9.6160, 42.5389 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(151, 74, 122) }
```


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

```
.border{ border-color:rgb(151, 74, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 74, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 74, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 74, 122); box-shadow:4px 4px 4px 4px rgb(151, 74, 122) }
```

Background

The CSS property to change the background color of an element to YUV 102.4950, 9.6160, 42.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 74, 122) }
```

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

```
.background{ background-color: rgb(151, 74,  
122) }
```

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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