

Converting Colors

YUV(94.8810, 10.9047, 49.2164)

Have a look what the booklet for
YUV(94.8810, 10.9047, 49.2164)
contains.

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Color

**YUV(94.8810, 10.9047,
49.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	973E75
RGB	151, 62, 117
RGB Percent	59%, 24%, 46%
CMY	0.4078, 0.7569, 0.5412
CMYK	0.00, 0.59, 0.23, 0.41
HSL	323°, 42%, 42%
HSV	323°, 59%, 59%
XYZ	17.6960, 11.3089, 18.0798
YIQ	94.8810, 35.3890, 35.9730

Conversions

Conversions Part 2

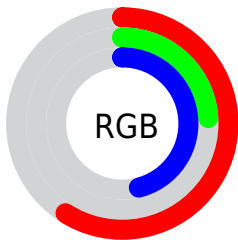
Format	Color
R_{YB}	151, 62, 117
Decimal	9911925
CIE _{Lab}	40.10, 43.71, -13.21
CIE _{LCh}	40, 45.666, 343.185
Yxy	11.3089, 0.3758, 0.2402
Android (android.graphics.Color)	4288102005 (0xFF973E75)
YUV	94.8810, 10.9047, 49.2164
Hunter-Lab	33.6287, 35.0795, -8.3359

Details

The YUV color **94.8810, 10.9047, 49.2164** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **118.1190, -10.9047, -49.2164**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0770, 10.3150, 51.6755**, and **38.0430, 15.2618, 51.7053** is the 20% darker color. If you saturate the color by 10%, you get **85.3920, 12.6247, 57.5382**, and if you desaturate by 10%, it is **104.3700, 9.1846, 40.8945**.

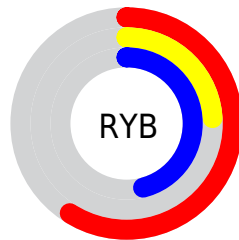
Distribution



Red (59%)

Green (24%)

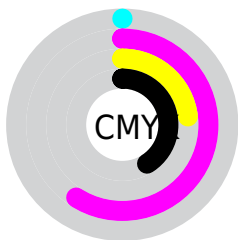
Blue (46%)



Red (59%)

Yellow (24%)

Blue (46%)

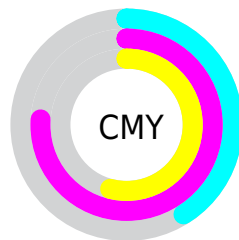


Cyan (0%)

Magenta (59%)

Yellow (23%)

Black (41%)



Cyan (41%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8810, 10.9047, 49.2164 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 94.8810, 10.9047, 49.2164 by changing the saturation by 10% instead.

94.8810, 10.9047,
49.2164

94.8810, 10.9047,
49.2164

255.0000, 0.0000,
0.0000

68.6960, 11.4889,
48.5016

148.0770, 10.3150,
51.6755

38.0430, 15.2618,
51.7053

175.9740, 9.8728,
53.5198

26.4730, 9.6268,
39.0502

200.3970, 11.6363,
47.8868

17.6150, 4.1338,
27.5246

220.1390, 16.2005,
30.5731

0.8970, -0.4422,
1.8443

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 94.8810, 10.9047,
49.2164

■ 94.8810, 10.9047,
49.2164

■ 85.3920, 12.6247,
57.5382

■ 104.3700, 9.1846,
40.8945

■ 75.9030, 14.3448,
65.8601

■ 113.8590, 7.4645,
32.5727

■ 66.5280, 16.5017,
74.0819

■ 123.2340, 5.3076,
24.3508

■ 57.0390, 18.2218,
82.4038

■ 132.7230, 3.5876,
16.0289

■ 55.7510, 18.3638,
83.5334

■ 142.7990, 1.5781,
7.1923

■ 152.2880, -0.1420,
-1.1296

■ 161.6630, -2.2989,
-9.3515

■ 171.1520, -4.0189,
-17.6733

■ 180.6410, -5.7390,
-25.9952

Harmonies

Analogous

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



97.1680, 25.5532, 17.3927



94.8810, 10.9047, 49.2164



91.6040, -5.7208, 61.7373

Triad

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



94.8810, 10.9047, 49.2164



87.8540, -38.8750, 8.8980



81.1000, 31.5027, -71.1247

Complementary

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



94.8810, 10.9047, 49.2164



118.1190, -10.9047, -49.2164

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.



78.2840, 15.6360, -68.6551



94.8810, 10.9047, 49.2164



82.7710, -23.0581, -24.3552

Square

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



94.8810, 10.9047, 49.2164



90.5890, -36.7724, 34.5634



73.3650, -0.6729, -64.3411



79.9720, 42.4118, -70.1354

Rectangle

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



94.8810, 10.9047, 49.2164



91.7810, -17.6400, 58.0741



73.3650, -0.6729, -64.3411



80.4330, 26.4085, -70.5397

Sweetspot

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



94.8810, 10.9047, 49.2164



173.9730, 4.4503, 19.3177



82.0130, 34.0106, 11.3896



85.7610, 2.5828, 11.6106



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.



94.8810, 10.9047, 49.2164



108.3650, 17.0751, 76.8559



89.9790, -7.8776, 53.5154



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.



94.8810, 10.9047, 49.2164



108.3650, 17.0751, 76.8559



123.0210, 7.8776, -53.5154



71.9620, 1.0047, 4.4183



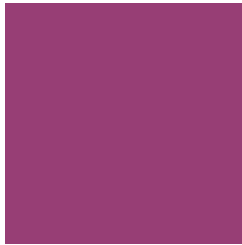
51.7780, 17.3644, 77.3707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 94.8810, 10.9047, 49.2164 looks on a white background.

Color Contrast Check

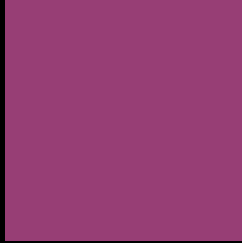
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.8810, 10.9047, 49.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

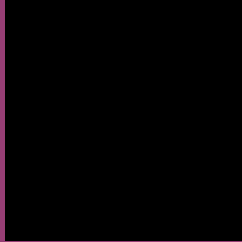
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8810, 10.9047, 49.2164

Background



This preview shows how black text looks on a background with the YUV color 94.8810, 10.9047, 49.2164.



This preview shows how white text looks on a background with the YUV color 94.8810, 10.9047,

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

94.8810, 10.9047, 49.2164

Protanopia

95.0580, 22.1564, -13.2059

Deuteranopia

96.0630, 7.8569, -0.0553



Tritanopia

94.2940, -9.0189, 46.2232

Trichromacy



Original Color

94.8810, 10.9047, 49.2164

Protanomaly

94.8760, 18.3021, 9.7557

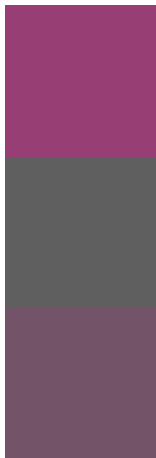
Deuteranomaly

95.8140, 8.9657, 17.7031

Tritanomaly

94.5420, -1.7462, 46.8827

Monochromacy



Original Color

94.8810, 10.9047, 49.2164

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8480, 4.0189, 17.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8810, 10.9047, 49.2164 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, 62, 117)` looks like.

```
.text, #text, p{  
    color:rgb(151, 62, 117)  
}
```

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, 62, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 62, 117) }
```

Border

The CSS property to change the border of an element to YUV 94.8810, 10.9047, 49.2164 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, 62, 117) }
```


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

```
.border{ border-color:rgb(151, 62, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 62, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 62, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 62, 117);  
box-shadow:4px 4px 4px 4px rgb(151, 62,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 94.8810, 10.9047, 49.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 62, 117) }
```

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

```
.background{ background-color: rgb(151, 62,  
117) }
```

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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