

Converting Colors

YUV(103.3680, -1.1674,
47.9123)

Have a look what the booklet for
YUV(103.3680, -1.1674, 47.9123)
contains.

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Color

**YUV(103.3680, -1.1674,
47.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4C65
RGB	158, 76, 101
RGB Percent	62%, 30%, 40%
CMY	0.3804, 0.7020, 0.6039
CMYK	0.00, 0.52, 0.36, 0.38
HSL	342°, 35%, 46%
HSV	342°, 52%, 62%
XYZ	19.0340, 13.3776, 13.8908
YIQ	103.3680, 40.8470, 25.1590

Conversions

Conversions Part 2

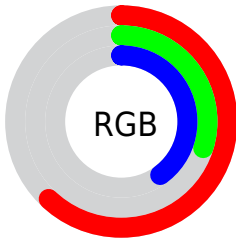
Format	Color
R_{YB}	158, 76, 101
Decimal	10374245
CIE _{Lab}	43.33, 36.81, 1.61
CIE _{LCh}	43, 36.844, 2.497
Yxy	13.3776, 0.4111, 0.2889
Android (android.graphics.Color)	4288564325 (0xFF9E4C65)
YUV	103.3680, -1.1674, 47.9123
Hunter-Lab	36.5754, 28.8852, 3.0852

Details

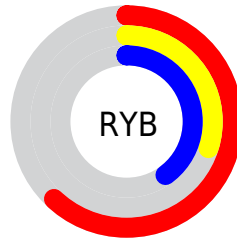
The YUV color **103.3680, -1.1674, 47.9123** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **130.6320, 1.1674, -47.9123**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1620, -2.0519, 51.6009**, and **52.2150, 0.8800, 44.5384** is the 20% darker color. If you saturate the color by 10%, you get **92.7220, -1.3419, 57.2488**, and if you desaturate by 10%, it is **114.0140, -0.9929, 38.5757**.

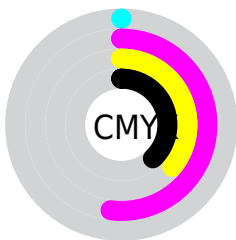
Distribution



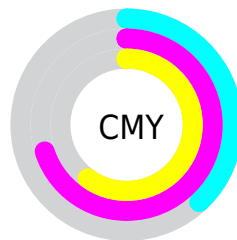
- Red (62%)
- Green (30%)
- Blue (40%)



- Red (62%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (52%)
- Yellow (36%)
- Black (38%)



- Cyan (38%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3680, -1.1674, 47.9123 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 103.3680, -1.1674, 47.9123 by changing the saturation by 10% instead.

■ 103.3680, -1.1674,
47.9123

■ 103.3680, -1.1674,
47.9123

■ 255.0000, 0.0000,
0.0000

■ 77.5850, -0.2884,
45.9680

■ 156.1620, -2.0519,
51.6009

■ 52.2150, 0.8800,
44.5384

■ 183.6460, -2.7835,
52.9305

■ 26.7850, 3.0640,
44.0386

■ 205.9760, 0.0118,
42.9940

■ 16.9870, -3.4446,
31.5834

■ 226.1910, 3.8498,
25.2655

■ 5.6810, -2.8007,
11.6808

■ 245.0210, 4.9196,
8.7516

■ 0.0000, 0.0000,
0.0000

■ 103.3680, -1.1674,
47.9123

■ 103.3680, -1.1674,
47.9123

■ 92.7220, -1.3419,
57.2488

■ 114.0140, -0.9929,
38.5757

■ 82.0760, -1.5165,
66.5853

■ 124.6600, -0.8184,
29.2392

■ 72.0170, -1.9804,
75.4071

■ 134.7190, -0.3545,
20.4174

■ 61.3710, -2.1549,
84.7436

■ 145.3650, -0.1799,
11.0809

■ 52.7140, -2.3240,
92.3358

■ 156.0110, -0.0054,
1.7444

■ 166.6570, 0.1691,
-7.5922

■ 177.3030, 0.3436,
-16.9287

■ 187.3620, 0.8075,

-25.7505

■ 198.0080, 0.9821,
-35.0870

Harmonies

Analogous

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



105.5260, 12.5587, 31.9877



103.3680, -1.1674, 47.9123



101.9970, -15.2815, 48.2376

Triad

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



103.3680, -1.1674, 47.9123



95.8700, -23.1069, -8.6560



84.1150, 35.4393, -73.7689

Complementary

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



103.3680, -1.1674, 47.9123



130.6320, 1.1674, -47.9123

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.



83.9550, 24.6722, -73.6285



103.3680, -1.1674, 47.9123



88.9830, -7.8796, -39.4501

Square

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



103.3680, -1.1674, 47.9123



99.6020, -29.8768, 16.1350



81.1220, 11.2789, -71.1440



95.1670, 33.4417, -39.6115

Rectangle

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



103.3680, -1.1674, 47.9123



101.5910, -22.9694, 40.7007



81.1220, 11.2789, -71.1440



84.6050, 32.2397, -74.1986

Sweetspot

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



103.3680, -1.1674, 47.9123



185.0070, -0.4965, 19.2879



102.0920, 27.5626, 26.2293



91.6640, -0.3274, 11.6957



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.



103.3680, -1.1674, 47.9123



121.1310, -1.5436, 75.3071



109.3230, -16.4282, 42.6897



73.7340, 0.1311, 4.6183



47.7730, -1.8601, 83.5141



5.0550, -0.0271, 8.7218

Inverse Universe

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



103.3680, -1.1674, 47.9123



121.1310, -1.5436, 75.3071



124.6770, 16.4282, -42.6897



73.7340, 0.1311, 4.6183



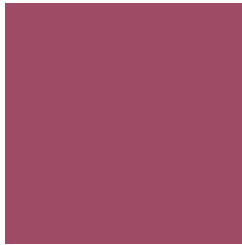
47.7730, -1.8601, 83.5141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 103.3680, -1.1674, 47.9123 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 103.3680, -1.1674, 47.9123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

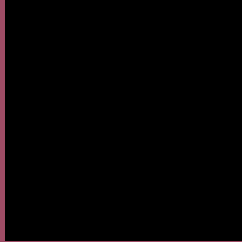
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3680, -1.1674, 47.9123

Background



This preview shows how black text looks on a background with the YUV color 103.3680, -1.1674, 47.9123.



This preview shows how white text looks on a background with the YUV color 103.3680, -1.1674,

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

103.3680, -1.1674, 47.9123

Protanopia

103.4110, 6.6994, -2.1144

Deuteranopia

103.5560, -3.2321, 10.0364



Tritanopia

103.0060, -8.8770, 47.3527

Trichromacy



Original Color

103.3680, -1.1674, 47.9123

Protanomaly

103.7230, 3.5876, 16.0289

Deuteranomaly

103.7580, -2.8387, 23.8912

Tritanomaly

103.1030, -5.9668, 47.2677

Monochromacy



Original Color

103.3680, -1.1674, 47.9123

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9960, -0.4910, 17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3680, -1.1674, 47.9123 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, 76, 101)` looks like.

```
.text, #text, p{  
    color:rgb(158, 76, 101)  
}
```

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, 76, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 76, 101) }
```

Border

The CSS property to change the border of an element to YUV 103.3680, -1.1674, 47.9123 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, 76, 101) }
```


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

```
.border{ border-color:rgb(158, 76, 101) }
```

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

Here you see how a box with a 4 pixel rgb(158, 76, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 76, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 76, 101);  
box-shadow:4px 4px 4px 4px rgb(158, 76,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 103.3680, -1.1674, 47.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 76, 101) }
```

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

```
.background{ background-color: rgb(158, 76,  
101) }
```

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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