

Converting Colors

YUV(103.4380, 9.1511, 4.8779)

Have a look what the booklet for
YUV(103.4380, 9.1511, 4.8779)
contains.

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Color

**YUV(103.4380, 9.1511,
4.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	6D617A
RGB	109, 97, 122
RGB Percent	43%, 38%, 48%
CMY	0.5725, 0.6196, 0.5216
CMYK	0.11, 0.20, 0.00, 0.52
HSL	269°, 11%, 43%
HSV	269°, 20%, 48%
XYZ	14.0942, 13.2057, 20.2185
YIQ	103.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

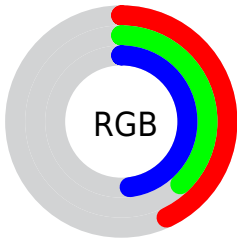
Format	Color
R_{YB}	109, 97, 122
Decimal	7168378
CIE _{Lab}	43.07, 10.03, -12.25
CIE _{LCh}	43, 15.836, 309.301
Yxy	13.2057, 0.2966, 0.2779
Android (android.graphics.Color)	4285358458 (0xFF6D617A)
YUV	103.4380, 9.1511, 4.8779
Hunter-Lab	36.3397, 5.6361, -7.5496

Details

The YUV color **103.4380, 9.1511, 4.8779** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.5620, -9.1511, -4.8779**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8510, 9.4405, 5.3927**, and **56.4980, 8.1355, 3.9483** is the 20% darker color. If you saturate the color by 10%, you get **94.6000, 13.5082, 7.3668**, and if you desaturate by 10%, it is **112.2760, 4.7939, 2.3889**.

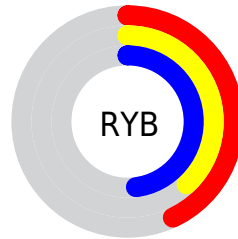
Distribution



Red (43%)

Green (38%)

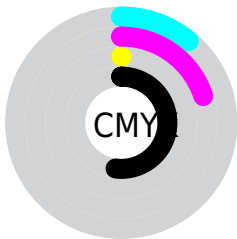
Blue (48%)



Red (43%)

Yellow (38%)

Blue (48%)

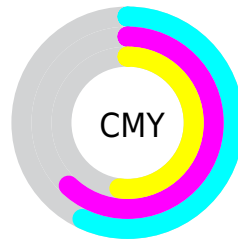


Cyan (11%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4380, 9.1511, 4.8779 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 103.4380, 9.1511, 4.8779 by changing the saturation by 10% instead.

■ 103.4380, 9.1511,
4.8779

■ 103.4380, 9.1511,
4.8779

■ 255.0000, 0.0000,
0.0000

■ 79.3240, 8.7143,
4.9779

■ 154.8510, 9.4405,
5.3927

■ 56.4980, 8.1355,
3.9483

■ 181.3780, 10.1666,
5.8075

■ 35.0850, 7.8461,
3.4335

■ 209.3780, 10.1666,
5.8075

■ 12.3350, 8.7088,
6.7222

■ 237.0360, 8.8563,
6.1074

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 103.4380, 9.1511,
4.8779

■ 103.4380, 9.1511,
4.8779

■ 94.6000, 13.5082,
7.3668

■ 112.2760, 4.7939,
2.3889

■ 85.4630, 18.0127,
9.2409

■ 121.4130, 0.2894,
0.5148

■ 76.0380, 22.6593,
12.2447

■ 130.8380, -4.3571,
-2.4889

■ 67.2000, 27.0164,
14.7336

■ 139.6760, -8.7143,
-4.9779

■ 58.0630, 31.5209,
16.6077

■ 148.8130,
-13.2188, -6.8520

■ 49.2250, 35.8781,
19.0967

■ 157.6510,
-17.5759, -9.3409

■ 40.3870, 40.2352,
21.5856


■ 166.4890,
-21.9331, -11.8299

■ 31.5490, 44.5923,

■ 176.2130,

24.0745

-26.7270, -14.2188

 185.0510,
-31.0841, -16.7077

Harmonies

Analogous

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



101.8600, 12.3940, -8.6472



103.4380, 9.1511, 4.8779



103.7230, 3.5876, 16.0289

Triad

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



103.4380, 9.1511, 4.8779



102.2980, -11.9789, 15.5247



95.9860, 4.4439, -25.4207

Complementary

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



103.4380, 9.1511, 4.8779



115.5620, -9.1511, -4.8779

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.



97.2060, -2.5666, -16.8437



103.4380, 9.1511, 4.8779



100.5310, -12.0938, 5.6733

Square

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



103.4380, 9.1511, 4.8779



102.9550, -8.3588, 21.0875



99.2630, -9.0037, -5.4927



96.2830, 10.7065, -27.4352

Rectangle

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



103.4380, 9.1511, 4.8779



103.7190, -0.3545, 20.4174



99.2630, -9.0037, -5.4927



96.4270, 2.2545, -23.1765

Sweetspot

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



103.4380, 9.1511, 4.8779



151.2220, 3.3416, 1.5593



107.4810, 7.1579, -9.1918



75.1680, 1.8892, 0.7297



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



103.4380, 9.1511, 4.8779



129.1270, 14.2344, 7.7816



107.0260, 7.3822, 12.2552



56.5810, 2.1786, 1.2445



32.1900, 45.7553, 24.3894



64.9070, 92.2368, 49.1936

Inverse Universe

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



105.9570, 1.9932, 14.0697



132.9410, 2.9871, 21.9767



111.9740, -7.3822, -12.2552



57.1360, 0.4260, 3.3887



44.7850, 9.9660, 70.3486



90.2820, 20.0740, 141.8267

Previews

White Background



This preview shows how the YUV color 103.4380, 9.1511, 4.8779 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 103.4380, 9.1511, 4.8779 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 103.4380, 9.1511, 4.8779

Background



This preview shows how black text looks on a background with the YUV color 103.4380, 9.1511, 4.8779.



This preview shows how white text looks on a background with the YUV color 103.4380, 9.1511,

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

103.4380, 9.1511, 4.8779

Protanopia

102.2410, 11.2202, -5.4734

Deuteranopia

102.5190, 9.6041, -0.4552



Tritanopia

102.8910, 2.0257, 3.6036

Trichromacy



Original Color

103.4380, 9.1511, 4.8779

Protanomaly

103.0350, 10.3357, -1.7847

Deuteranomaly

102.8290, 9.4513, 1.9040

Tritanomaly

103.1730, 4.3517, 4.2333

Monochromacy



Original Color

103.4380, 9.1511, 4.8779

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2220, 3.3416, 1.5593

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4380, 9.1511, 4.8779 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(109, 97, 122)` looks like.

```
.text, #text, p{  
    color:rgb(109, 97, 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(109, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 97, 122) }
```

Border

The CSS property to change the border of an element to YUV 103.4380, 9.1511, 4.8779 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(109, 97, 122) }
```


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

```
.border{ border-color:rgb(109, 97, 122) }
```

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

Here you see how a box with a 4 pixel rgb(109, 97, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(109, 97,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 103.4380, 9.1511, 4.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 97, 122) }
```

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

```
.background{ background-color: rgb(109, 97,  
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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