

Converting Colors

YUV(122.5160, 7.6336, 24.9805)

Have a look what the booklet for
YUV(122.5160, 7.6336, 24.9805)
contains.

YUV(122.5160, 7.6336, 24.9805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.5160, 7.6336,
24.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	97698A
RGB	151, 105, 138
RGB Percent	59%, 41%, 54%
CMY	0.4078, 0.5882, 0.4588
CMYK	0.00, 0.30, 0.09, 0.41
HSL	317°, 18%, 50%
HSV	317°, 30%, 59%
XYZ	22.4015, 18.5174, 26.4383
YIQ	122.5160, 16.8230, 20.0150

Conversions

Conversions Part 2

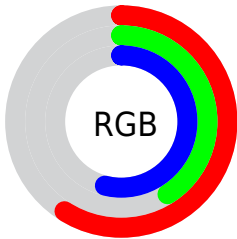
Format	Color
R_{YB}	151, 105, 138
Decimal	9922954
CIE _{Lab}	50.12, 23.86, -10.78
CIE _{LCh}	50, 26.182, 335.693
Yxy	18.5174, 0.3326, 0.2749
Android (android.graphics.Color)	4288113034 (0xFF97698A)
YUV	122.5160, 7.6336, 24.9805
Hunter-Lab	43.0319, 17.6176, -6.3048

Details

The YUV color **122.5160, 7.6336, 24.9805** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.4840, -7.6336, -24.9805**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5270, 7.6282, 26.7248**, and **73.0920, 7.3496, 22.7213** is the 20% darker color. If you saturate the color by 10%, you get **113.2550, 10.2273, 33.1024**, and if you desaturate by 10%, it is **131.7770, 5.0399, 16.8586**.

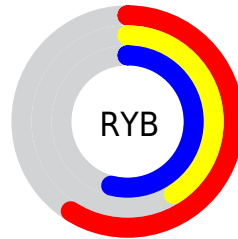
Distribution



Red (59%)

Green (41%)

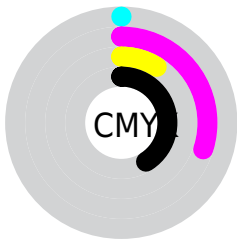
Blue (54%)



Red (59%)

Yellow (41%)

Blue (54%)

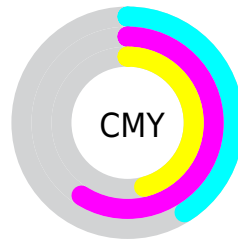


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (41%)



Cyan (41%)

Magenta (59%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5160, 7.6336, 24.9805 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 122.5160, 7.6336, 24.9805 by changing the saturation by 10% instead.

122.5160, 7.6336,
24.9805

122.5160, 7.6336,
24.9805

255.0000, 0.0000,
0.0000

97.2170, 7.7810,
24.3657

175.5270, 7.6282,
26.7248

73.0920, 7.3496,
22.7213

202.9400, 7.9176,
27.2396

49.7930, 7.4971,
22.1065

228.9610, 9.3862,
22.8362

27.1950, 7.7919,
20.8770

246.1950, 4.3409,
7.7220

12.4890, 5.1819,
17.9881

0.0000, 0.0000,
0.0000

122.5160, 7.6336,
24.9805

122.5160, 7.6336,
24.9805

113.2550, 10.2273,
33.1024

131.7770, 5.0399,
16.8586

103.8800, 12.3842,
41.3242

141.1520, 2.8831,
8.6367

94.6190, 14.9778,
49.4461

150.4130, 0.2894,
0.5148

85.3580, 17.5715,
57.5680

159.6740, -2.3043,
-7.6071

76.0970, 20.1652,
65.6899

169.5220, -5.1873,
-16.2438

66.1350, 22.6114,
74.4266


178.8970, -7.3442,
-24.4657

57.4610, 24.9157,
82.0337

188.1580, -9.9379,
-32.5876

197.4190,

-12.5316, -40.7095

 206.6800,
-15.1252, -48.8314

Harmonies

Analogous

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



121.6860, 16.4238, 5.5374



122.5160, 7.6336, 24.9805



121.5360, -2.7292, 35.4869

Triad

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



122.5160, 7.6336, 24.9805



117.2730, -20.8406, 11.1616



104.3870, 19.5292, -57.3444

Complementary

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



122.5160, 7.6336, 24.9805



133.4840, -7.6336, -24.9805

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.



106.7660, 8.0034, -47.1528



122.5160, 7.6336, 24.9805



115.0040, -16.2710, -7.8965

Square

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



122.5160, 7.6336, 24.9805



119.6000, -20.0158, 26.6608



111.6300, -5.7336, -27.7395



110.0280, 24.1432, -43.8746

Rectangle

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



122.5160, 7.6336, 24.9805



120.7120, -9.7180, 37.0866



111.6300, -5.7336, -27.7395



104.8880, 16.3242, -56.0298

Sweetspot

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



122.5160, 7.6336, 24.9805



185.4510, 2.7357, 9.2515



113.8320, 18.3238, 2.7783



92.7880, 1.5835, 5.4479



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.



122.5160, 7.6336, 24.9805



151.4560, 12.1002, 39.0651



120.0080, -1.9759, 27.1800



71.9620, 1.0047, 4.4183



53.3740, 23.4796, 75.9710



4.9130, 2.0149, 7.0923

Inverse Universe

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



122.5160, 7.6336, 24.9805



151.4560, 12.1002, 39.0651



135.9920, 1.9759, -27.1800



71.9620, 1.0047, 4.4183



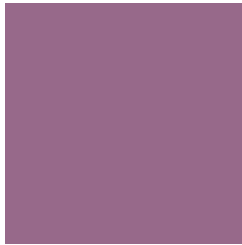
53.3740, 23.4796, 75.9710



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 122.5160, 7.6336, 24.9805 looks on a white background.

Color Contrast Check

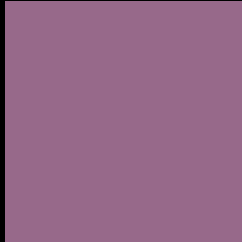
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 122.5160, 7.6336, 24.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

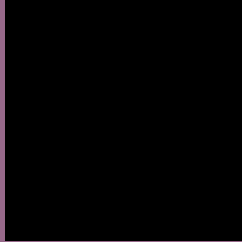
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.5160, 7.6336, 24.9805

Background



This preview shows how black text looks on a background with the YUV color 122.5160, 7.6336, 24.9805.



This preview shows how white text looks on a background with the YUV color 122.5160, 7.6336,

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

122.5160, 7.6336, 24.9805

Protanopia

119.8110, 13.4042, -5.9732

Deuteranopia

120.3730, 7.7041, 2.3039



Tritanopia

121.5730, -2.2545, 23.1765

Trichromacy



Original Color

122.5160, 7.6336, 24.9805

Protanomaly

120.7200, 11.4770, 5.5076

Deuteranomaly

121.1290, 7.8244, 10.4109

Tritanomaly

122.1970, 1.3819, 23.5062

Monochromacy



Original Color

122.5160, 7.6336, 24.9805

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.4510, 2.7357, 9.2515

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5160, 7.6336, 24.9805 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, 105, 138)` looks like.

```
.text, #text, p{  
    color:rgb(151, 105, 138)  
}
```

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, 105, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 105, 138) }
```

Border

The CSS property to change the border of an element to YUV 122.5160, 7.6336, 24.9805 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, 105, 138) }
```


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

```
.border{ border-color:rgb(151, 105, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 105, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 105, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 105, 138);  
box-shadow:4px 4px 4px 4px rgb(151, 105,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 122.5160, 7.6336, 24.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 105, 138) }
```

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

```
.background{ background-color: rgb(151,  
105, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor