

Converting Colors

YUV(123.7850, -0.3870,
30.8836)

Have a look what the booklet for
YUV(123.7850, -0.3870, 30.8836)
contains.

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Color

**YUV(123.7850, -0.3870,
30.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6A7B
RGB	159, 106, 123
RGB Percent	62%, 42%, 48%
CMY	0.3765, 0.5843, 0.5176
CMYK	0.00, 0.33, 0.23, 0.38
HSL	341°, 22%, 52%
HSV	341°, 33%, 62%
XYZ	23.0273, 19.1091, 21.2136
YIQ	123.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

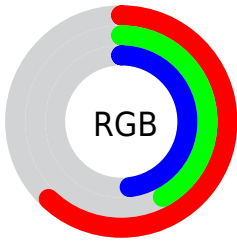
Format	Color
R_{YB}	159, 106, 123
Decimal	10447483
CIE _{Lab}	50.81, 23.71, -0.75
CIE _{LCh}	51, 23.719, 358.196
Yxy	19.1091, 0.3635, 0.3016
Android (android.graphics.Color)	4288637563 (0xFF9F6A7B)
YUV	123.7850, -0.3870, 30.8836
Hunter-Lab	43.7139, 17.5295, 1.8273

Details

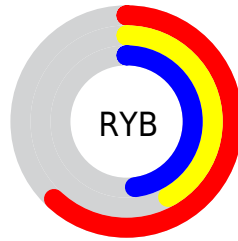
The YUV color **123.7850, -0.3870, 30.8836** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.2150, 0.3870, -30.8836**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9810, -0.9766, 33.3427**, and **74.1760, -0.0868, 27.9096** is the 20% darker color. If you saturate the color by 10%, you get **113.1390, -0.5615, 40.2201**, and if you desaturate by 10%, it is **134.4310, -0.2125, 21.5470**.

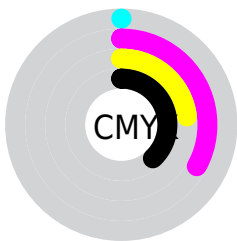
Distribution



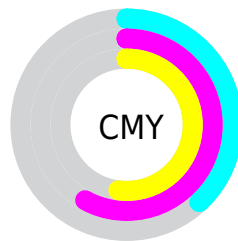
- Red (62%)
- Green (42%)
- Blue (48%)



- Red (62%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (38%)




- Cyan (38%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.7850, -0.3870, 30.8836 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 123.7850, -0.3870, 30.8836 by changing the saturation by 10% instead.


 123.7850, -0.3870,
30.8836

 123.7850, -0.3870,
30.8836


255.0000, 0.0000,
0.0000


 98.1870, -0.0922,
29.6540

 176.9810, -0.9766,
33.3427


 74.1760, -0.0868,
27.9096


 204.3940, -0.6872,
33.8575

 50.6920, 0.6448,
26.5801

 227.6100, 1.6713,
24.0210

 27.6210, 1.6658,
25.7654

 246.7820, 4.0515,
7.2072

 12.0460, -2.9807,
22.7617

 0.0000, 0.0000,
0.0000

123.7850, -0.3870,
30.8836

123.7850, -0.3870,
30.8836

113.1390, -0.5615,
40.2201

134.4310, -0.2125,
21.5470

102.4930, -0.7360,
49.5566

145.0770, -0.0380,
12.2105

91.9610, -0.4738,
58.7932

155.6090, -0.3002,
2.9739

81.3150, -0.6483,
68.1297

166.2550, -0.1257,
-6.3626

71.2560, -1.1122,
76.9515

176.9010, 0.0488,
-15.6992

60.6100, -1.2867,
86.2880

186.9600, 0.5127,
-24.5209

53.3550, -1.1610,
92.6507

197.6060, 0.6872,
-33.8575

208.1380, 0.4250,

-43.0940

 218.7840, 0.5995,
-52.4306

Harmonies

Analogous

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



124.5260, 9.1077, 18.8327



123.7850, -0.3870, 30.8836



122.6900, -9.7072, 33.5979

Triad

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



123.7850, -0.3870, 30.8836



118.0370, -16.2872, -2.6634



112.8280, 20.7908, -41.9452

Complementary

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



123.7850, -0.3870, 30.8836



141.2150, 0.3870, -30.8836

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.



109.7750, 14.4079, -48.0377



123.7850, -0.3870, 30.8836



115.1040, -7.9393, -20.2622

Square

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



123.7850, -0.3870, 30.8836



119.7510, -19.1042, 14.2504



111.6810, 3.6083, -37.4312



118.3620, 21.0205, -22.2425

Rectangle

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



123.7850, -0.3870, 30.8836



121.7020, -14.6431, 30.0793



111.6810, 3.6083, -37.4312



111.0510, 19.2019, -45.6487

Sweetspot

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



123.7850, -0.3870, 30.8836



193.0770, -0.0380, 12.2105



122.5070, 17.9910, 16.2184



96.3430, -0.1691, 7.5922



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.



123.7850, -0.3870, 30.8836



151.7810, -0.8780, 48.4271



127.1300, -10.4171, 27.9500



73.7340, 0.1311, 4.6183



48.0010, -0.9865, 83.3141



5.0550, -0.0271, 8.7218

Inverse Universe

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



123.7850, -0.3870, 30.8836



151.7810, -0.8780, 48.4271



137.8700, 10.4171, -27.9500



73.7340, 0.1311, 4.6183



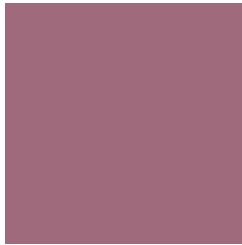
48.0010, -0.9865, 83.3141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 123.7850, -0.3870, 30.8836 looks on a white background.

Color Contrast Check

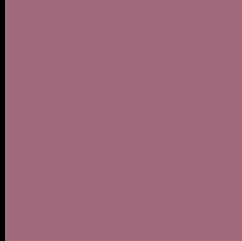
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.7850, -0.3870, 30.8836 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 123.7850, -0.3870, 30.8836

Background



This preview shows how black text looks on a background with the YUV color 123.7850, -0.3870, 30.8836.



This preview shows how white text looks on a background with the YUV color 123.7850, -0.3870,

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

123.7850, -0.3870, 30.8836

Protanopia

121.9550, 4.9522, -1.7145

Deuteranopia

122.2400, -0.6113, 9.4365



Tritanopia

123.1610, -4.0234, 30.5538

Trichromacy



Original Color

123.7850, -0.3870, 30.8836

Protanomaly

122.8640, 3.0250, 9.7663

Deuteranomaly

122.6970, -0.3436, 16.9287

Tritanomaly

123.5030, -2.7130, 30.2539

Monochromacy



Original Color

123.7850, -0.3870, 30.8836

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7780, 0.1094, 11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7850, -0.3870, 30.8836 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(159, 106, 123)` looks like.

```
.text, #text, p{  
    color:rgb(159, 106, 123)  
}
```

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(159, 106, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 106, 123) }
```

Border

The CSS property to change the border of an element to YUV 123.7850, -0.3870, 30.8836 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(159, 106, 123) }
```


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

```
.border{ border-color:rgb(159, 106, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 106, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 106, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 106, 123);  
box-shadow:4px 4px 4px 4px rgb(159, 106,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 123.7850, -0.3870, 30.8836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 106, 123) }
```

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

```
.background{ background-color: rgb(159,  
106, 123) }
```

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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