

Converting Colors

YUV(123.8380, -0.9061,
10.6661)

Have a look what the booklet for
YUV(123.8380, -0.9061, 10.6661)
contains.

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Color

**YUV(123.8380, -0.9061,
10.6661)**

Conversions

Conversions Part 1

Format	Color
Hex	88767A
RGB	136, 118, 122
RGB Percent	53%, 46%, 48%
CMY	0.4667, 0.5373, 0.5216
CMYK	0.00, 0.13, 0.10, 0.47
HSL	347°, 7%, 50%
HSV	347°, 13%, 53%
XYZ	20.1446, 19.5962, 21.1331
YIQ	123.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

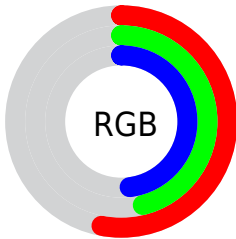
Format	Color
R_{YB}	136, 118, 122
Decimal	8943226
CIE Lab	51.38, 7.69, 0.37
CIE LCh	51, 7.698, 2.764
Yxy	19.5962, 0.3309, 0.3219
Android (android.graphics.Color)	4287133306 (0xFF88767A)
YUV	123.8380, -0.9061, 10.6661
Hunter-Lab	44.2676, 3.7606, 2.6827

Details

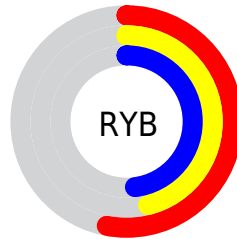
The YUV color $[123.8380, -0.9061, 10.6661]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[130.1620, 0.9061, -10.6661]$, and the grayscale version is $[124.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[176.1370, -1.0535, 11.2809]$, and $[75.1260, -1.0481, 9.5365]$ is the 20% darker color. If you saturate the color by 10%, you get $[114.3660, -1.6594, 18.9730]$, and if you desaturate by 10%, it is $[133.3100, -0.1528, 2.3591]$.

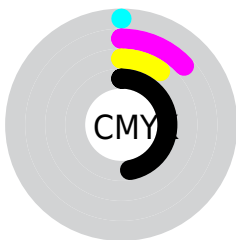
Distribution



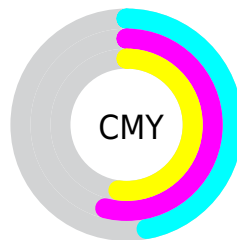
- Red (53%)
- Green (46%)
- Blue (48%)



- Red (53%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8380, -0.9061, 10.6661 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 123.8380, -0.9061, 10.6661 by changing the saturation by 10% instead.

■ 123.8380, -0.9061,
10.6661

■ 123.8380, -0.9061,
10.6661

255.0000, 0.0000,
0.0000

■ 98.8380, -0.9061,
10.6661

■ 176.1370, -1.0535,
11.2809

■ 75.1260, -1.0481,
9.5365

■ 203.5500, -0.7641,
11.7957

■ 52.2400, -0.6113,
9.4365

■ 231.8490, -0.9116,
12.4104

■ 30.9410, -0.4639,
8.8217

254.4130, 0.2894,
0.5148

■ 6.7350, -1.3484,
12.5104

■ 0.0000, 0.0000,
0.0000

■ 123.8380, -0.9061,
10.6661

■ 123.8380, -0.9061,
10.6661

■ 114.3660, -1.6594,
18.9730

■ 133.3100, -0.1528,
2.3591

■ 105.5950, -2.2653,
26.6652

■ 142.0810, 0.4531,
-5.3330

■ 96.1230, -3.0186,
34.9721

■ 151.5530, 1.2064,
-13.6400

■ 87.3520, -3.6245,
42.6643

■ 160.3240, 1.8123,
-21.3321

■ 77.8800, -4.3778,
50.9712

■ 169.7960, 2.5656,
-29.6391

■ 68.5220, -4.6943,
59.1782

■ 179.1540, 2.8821,
-37.8461

■ 59.6370, -5.7370,
66.9704


■ 188.0390, 3.9248,
-45.6382


■ 50.1650, -6.4903,

■ 197.5110, 4.6781,

75.2773

-53.9451

 44.0840, -6.9434,
80.6103

 206.2820, 5.2840,
-61.6373

Harmonies

Analogous

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



124.0270, 2.4517, 6.9923



123.8380, -0.9061, 10.6661



123.4530, -3.6743, 11.8807

Triad

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



123.8380, -0.9061, 10.6661



121.3220, -5.0887, -1.1594



121.2420, 6.2897, -10.7362

Complementary

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



123.8380, -0.9061, 10.6661



130.1620, 0.9061, -10.6661

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.



120.3620, 4.2585, -12.5955



123.8380, -0.9061, 10.6661



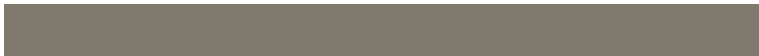
120.9730, -2.4517, -6.9923

Square

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



123.8380, -0.9061, 10.6661



122.0130, -6.4154, 4.3736



119.9770, 1.4903, -11.3808



122.2750, 6.2734, -5.5032

Rectangle

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



123.8380, -0.9061, 10.6661



122.9860, -5.4161, 10.5363



119.9770, 1.4903, -11.3808



120.8290, 6.0003, -11.2510

Sweetspot

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



123.8380, -0.9061, 10.6661



171.2070, -0.5951, 4.2035



124.2380, 5.7987, 6.8073



86.3100, -0.1528, 2.3591



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



123.8380, -0.9061, 10.6661



157.0560, -1.5066, 16.6139



126.3170, -4.1003, 8.4920



64.2070, -0.5951, 4.2035



43.0730, -6.9380, 78.8660



1.6090, -0.3002, 2.9739

Inverse Universe

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



123.8380, -0.9061, 10.6661



157.0560, -1.5066, 16.6139



127.6830, 4.1003, -8.4920



64.2070, -0.5951, 4.2035



43.0730, -6.9380, 78.8660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 123.8380, -0.9061, 10.6661 looks on a white background.

Color Contrast Check

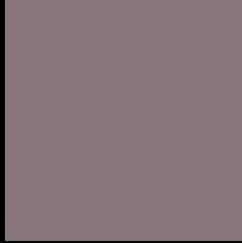
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.8380, -0.9061, 10.6661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

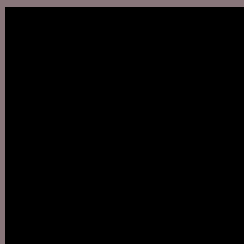
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.8380, -0.9061, 10.6661

Background



This preview shows how black text looks on a background with the YUV color 123.8380, -0.9061, 10.6661.

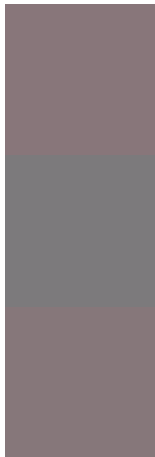


This preview shows how white text looks on a background with the YUV color 123.8380, -0.9061, 10.6661.

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

123.8380, -0.9061, 10.6661

Protanopia

122.8260, 0.5788, 1.0296

Deuteranopia

123.8270, -0.9007, 8.9217



Tritanopia

124.0060, 0.9830, 11.3957

Trichromacy



Original Color

123.8380, -0.9061, 10.6661

Protanomaly

123.3210, -0.1583, 4.1035

Deuteranomaly

124.1260, -1.0481, 9.5365

Tritanomaly

123.8920, 0.5462, 11.4957

Monochromacy



Original Color

123.8380, -0.9061, 10.6661

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9080, -0.4476, 3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8380, -0.9061, 10.6661 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(136, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(136, 118, 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(136, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 118, 122) }
```

Border

The CSS property to change the border of an element to YUV 123.8380, -0.9061, 10.6661 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(136, 118, 122) }
```


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

```
.border{ border-color:rgb(136, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(136, 118,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 123.8380, -0.9061, 10.6661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 118, 122) }
```

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

```
.background{ background-color: rgb(136,  
118, 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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