

Converting Colors

YUV(123.7890, 0.1040, 13.3400)

Have a look what the booklet for
YUV(123.7890, 0.1040, 13.3400)
contains.

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Color

**YUV(123.7890, 0.1040,
13.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	8B747C
RGB	139, 116, 124
RGB Percent	55%, 45%, 49%
CMY	0.4549, 0.5451, 0.5137
CMYK	0.00, 0.17, 0.11, 0.45
HSL	339°, 9%, 50%
HSV	339°, 17%, 55%
XYZ	20.5309, 19.4350, 21.7380
YIQ	123.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

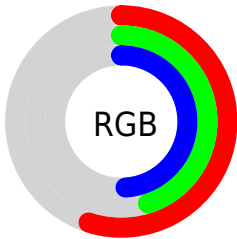
Format	Color
R_{YB}	139, 116, 124
Decimal	9139324
CIE _{Lab}	51.19, 10.38, -1.04
CIE _{LCh}	51, 10.434, 354.264
Yxy	19.4350, 0.3327, 0.3150
Android (android.graphics.Color)	4287329404 (0xFF8B747C)
YUV	123.7890, 0.1040, 13.3400
Hunter-Lab	44.0851, 5.9805, 1.6242

Details

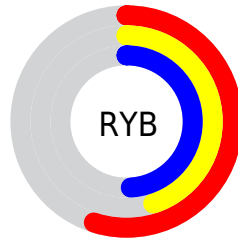
The YUV color **123.7890, 0.1040, 13.3400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **131.2110, -0.1040, -13.3400**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3870, -0.1908, 14.5696**, and **75.0770, -0.0380, 12.2105** is the 20% darker color. If you saturate the color by 10%, you get **114.5450, 0.2243, 21.4470**, and if you desaturate by 10%, it is **133.0330, -0.0163, 5.2331**.

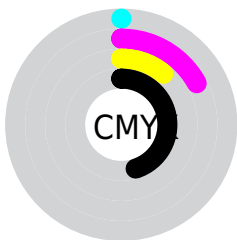
Distribution



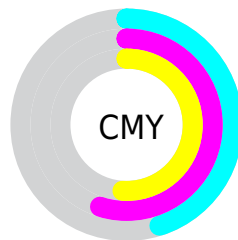
- Red (55%)
- Green (45%)
- Blue (49%)



- Red (55%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7890, 0.1040, 13.3400 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 123.7890, 0.1040, 13.3400 by changing the saturation by 10% instead.

■ 123.7890, 0.1040,
13.3400

■ 123.7890, 0.1040,
13.3400

■ 255.0000, 0.0000,
0.0000

■ 98.4900, 0.2514,
12.7253

■ 176.3870, -0.1908,
14.5696

■ 75.0770, -0.0380,
12.2105

■ 203.8000, 0.0986,
15.0844

■ 51.8920, 0.5462,
11.4957

■ 231.8000, 0.0986,
15.0844

■ 31.1800, 0.4043,
10.3661

■ 253.2390, 0.8682,
1.5444

■ 7.9740, -0.4802,
14.0548

■ 0.0000, 0.0000,
0.0000

■ 123.7890, 0.1040,
13.3400

■ 123.7890, 0.1040,
13.3400

■ 114.5450, 0.2243,
21.4470

■ 133.0330, -0.0163,
5.2331

■ 105.3010, 0.3446,
29.5540

■ 142.2770, -0.1366,
-2.8739

■ 96.0570, 0.4649,
37.6610

■ 151.5210, -0.2569,
-10.9809

■ 86.8130, 0.5852,
45.7680

■ 160.7650, -0.3771,
-19.0879

■ 78.1560, 0.4161,
53.3602

■ 170.0090, -0.4974,
-27.1949

■ 68.9120, 0.5364,
61.4672

■ 178.6660, -0.3283,
-34.7871

■ 59.6680, 0.6567,
69.5742


■ 187.9100, -0.4486,
-42.8941


■ 50.3100, 0.3402,

■ 197.2680, -0.1321,

77.7811

-51.1010

 47.0330, 0.4767,
80.6551

 206.5120, -0.2524,
-59.2080

Harmonies

Analogous

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



123.7820, 4.0515, 7.2072



123.7890, 0.1040, 13.3400



123.3610, -4.1220, 15.4694

Triad

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



123.7890, 0.1040, 13.3400



121.0510, -7.4201, -0.0447



119.9640, 7.9057, -15.7544

Complementary

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



123.7890, 0.1040, 13.3400



131.2110, -0.1040, -13.3400

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.



118.8560, 5.0010, -17.4137



123.7890, 0.1040, 13.3400



119.8050, -4.3409, -7.7220

Square

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



123.7890, 0.1040, 13.3400



122.0520, -8.8996, 7.8474



119.0260, 0.4802, -14.0548



120.9370, 8.9051, -9.5917

Rectangle

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



123.7890, 0.1040, 13.3400



123.0790, -6.4479, 14.8397



119.0260, 0.4802, -14.0548



119.1380, 7.3270, -16.7840

Sweetspot

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



123.7890, 0.1040, 13.3400



175.0330, -0.0163, 5.2331



123.1070, 7.8352, 6.9222



88.0220, -0.0108, 3.4887



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



123.7890, 0.1040, 13.3400



157.1320, -0.0651, 20.9322



124.6380, -4.2585, 12.5955



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Inverse Universe

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



123.7890, 0.1040, 13.3400



157.1320, -0.0651, 20.9322



130.3620, 4.2585, -12.5955



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 123.7890, 0.1040, 13.3400 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 123.7890, 0.1040, 13.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

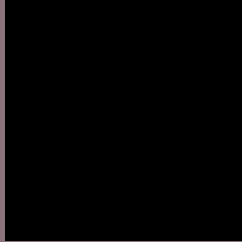
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7890, 0.1040, 13.3400

Background



This preview shows how black text looks on a background with the YUV color 123.7890, 0.1040, 13.3400.



This preview shows how white text looks on a background with the YUV color 123.7890, 0.1040,

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

123.7890, 0.1040, 13.3400

Protanopia

122.2820, 2.3260, 0.6297

Deuteranopia

123.1690, 0.4097, 8.6218



Tritanopia

123.9030, 0.5408, 13.2401

Trichromacy



Original Color

123.7890, 0.1040, 13.3400

Protanomaly

122.7880, 1.5835, 5.4479

Deuteranomaly

123.1800, 0.4043, 10.3661

Tritanomaly

123.9030, 0.5408, 13.2401

Monochromacy



Original Color

123.7890, 0.1040, 13.3400

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7890, 0.1040, 13.3400 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(139, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 116, 124)  
}
```

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(139, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 116, 124) }
```

Border

The CSS property to change the border of an element to YUV 123.7890, 0.1040, 13.3400 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(139, 116, 124) }
```


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

```
.border{ border-color:rgb(139, 116, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 116, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 116, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 116,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 123.7890, 0.1040, 13.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 116, 124) }
```

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

```
.background{ background-color: rgb(139,  
116, 124) }
```

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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