

Converting Colors

YUV(119.4390, 7.6716, 12.7700)

Have a look what the booklet for
YUV(119.4390, 7.6716, 12.7700)
contains.

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Color

**YUV(119.4390, 7.6716,
12.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	866D87
RGB	134, 109, 135
RGB Percent	53%, 43%, 53%
CMY	0.4745, 0.5725, 0.4706
CMYK	0.01, 0.19, 0.00, 0.47
HSL	298°, 11%, 48%
HSV	298°, 19%, 53%
XYZ	19.6733, 17.7549, 25.3118
YIQ	119.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

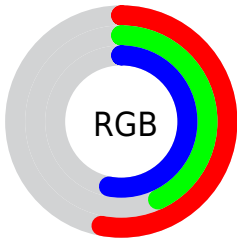
Format	Color
R_{YB}	134, 109, 135
Decimal	8809863
CIE _{Lab}	49.20, 14.74, -10.57
CIE _{LCh}	49, 18.139, 324.373
Yxy	17.7549, 0.3136, 0.2830
Android (android.graphics.Color)	4286999943 (0xFF866D87)
YUV	119.4390, 7.6716, 12.7700
Hunter-Lab	42.1365, 9.6018, -6.1205

Details

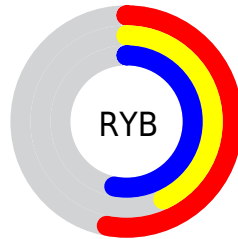
The YUV color **119.4390, 7.6716, 12.7700** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.5610, -7.6716, -12.7700**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8520, 7.9610, 13.2848**, and **70.6130, 7.0928, 11.7404** is the 20% darker color. If you saturate the color by 10%, you get **110.9220, 11.8705, 19.3624**, and if you desaturate by 10%, it is **127.3690, 3.7621, 6.6924**.

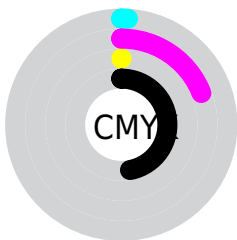
Distribution



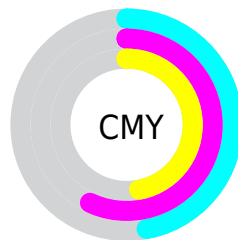
- Red (53%)
- Green (43%)
- Blue (53%)



- Red (53%)
- Yellow (43%)
- Blue (53%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.4390, 7.6716, 12.7700 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 119.4390, 7.6716, 12.7700 by changing the saturation by 10% instead.


 119.4390, 7.6716,
12.7700

 119.4390, 7.6716,
12.7700

255.0000, 0.0000,
0.0000

 95.0260, 7.3822,
12.2552


 171.8520, 7.9610,
13.2848

 70.6130, 7.0928,
11.7404


 199.2650, 8.2504,
13.7996

 48.2000, 6.8034,
11.2256

 226.9770, 8.3923,
14.9292

 27.0750, 6.3720,
9.5812

 248.5430, 3.1833,
5.6628

 7.3630, 6.2300,
8.4516

 0.0000, 0.0000,
0.0000

■ 119.4390, 7.6716,
12.7700

■ 119.4390, 7.6716,
12.7700

■ 110.9220, 11.8705,
19.3624

■ 127.3690, 3.7621,
6.6924

■ 103.2910, 15.6325,
26.0548

■ 135.5870, -0.2894,
-0.5148

■ 94.7740, 19.8314,
32.6472

■ 144.1040, -4.4883,
-7.1072

■ 87.1430, 23.5935,
39.3396

■ 151.7350, -8.2504,
-13.7996

■ 78.6260, 27.7924,
45.9320

■ 160.2520,
-12.4492, -20.3920

■ 70.9950, 31.5545,
52.6244

■ 167.8830,
-16.2113, -27.0844

■ 62.4780, 35.7533,
59.2168

■ 175.8130,
-20.1208, -33.1620

■ 54.8470, 39.5154,

■ 184.0310,

65.9092

-24.1723, -40.3692

■ 54.2600, 39.8048,
66.4240

■ 191.9610,
-28.0818, -46.4468

Harmonies

Analogous

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



118.1320, 13.2459, -1.8698



119.4390, 7.6716, 12.7700



119.2570, 0.3663, 22.5766

Triad

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



119.4390, 7.6716, 12.7700



116.5920, -14.5889, 12.6358



109.9080, 9.4124, -32.3683

Complementary

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



119.4390, 7.6716, 12.7700



124.5610, -7.6716, -12.7700

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.



110.4760, 1.2443, -25.8505



119.4390, 7.6716, 12.7700



114.9710, -12.8037, 0.0254

Square

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



119.4390, 7.6716, 12.7700



117.9290, -12.2900, 21.9873



113.0770, -6.9400, -14.0995



111.2980, 14.6431, -30.0793

Rectangle

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



119.4390, 7.6716, 12.7700



119.0140, -4.4439, 25.4207



113.0770, -6.9400, -14.0995



110.2240, 6.7916, -31.7684

Sweetspot

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



119.4390, 7.6716, 12.7700



169.5430, 3.1833, 5.6628



112.5510, 11.0674, -3.1142



85.4780, 1.7363, 3.0888



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.



119.4390, 7.6716, 12.7700



151.3350, 12.1598, 19.8772



118.3700, 2.2826, 14.5845



62.4780, 1.7363, 3.0888



52.1950, 38.3579, 63.8500



0.9400, 1.0156, 0.9296

Inverse Universe

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



116.8880, -3.3958, 15.8842



147.4870, -5.1701, 25.0059



125.6300, -2.2826, -14.5845



61.7940, -0.8844, 3.6887



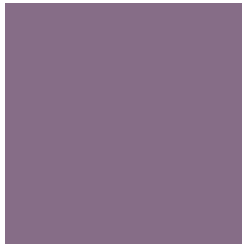
39.4400, -16.9789, 79.4211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 119.4390, 7.6716, 12.7700 looks on a white background.

Color Contrast Check

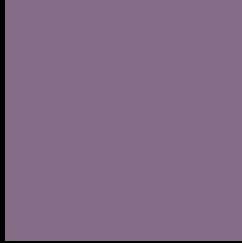
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4390, 7.6716, 12.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

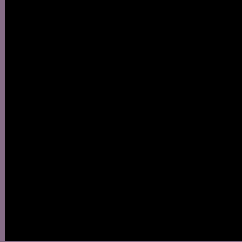
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4390, 7.6716, 12.7700

Background



This preview shows how black text looks on a background with the YUV color 119.4390, 7.6716, 12.7700.



This preview shows how white text looks on a background with the YUV color 119.4390, 7.6716,

12.7700.

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

119.4390, 7.6716, 12.7700

Protanopia

117.5400, 11.0728, -4.8586

Deuteranopia

118.0740, 7.8515, 1.6891



Tritanopia

118.8920, 0.5462, 11.4957

Trichromacy



Original Color

119.4390, 7.6716, 12.7700

Protanomaly

117.9430, 9.8881, 1.8040

Deuteranomaly

118.3950, 7.6933, 5.7926

Tritanomaly

119.1740, 2.8722, 12.1254

Monochromacy



Original Color

119.4390, 7.6716, 12.7700

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4390, 7.6716, 12.7700 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(134, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(134, 109, 135)  
}
```

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(134, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 109, 135) }
```

Border

The CSS property to change the border of an element to YUV 119.4390, 7.6716, 12.7700 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(134, 109, 135) }
```


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

```
.border{ border-color:rgb(134, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 109, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 109, 135);  
box-shadow:4px 4px 4px 4px rgb(134, 109,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 119.4390, 7.6716, 12.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 109, 135) }
```

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

```
.background{ background-color: rgb(134,  
109, 135) }
```

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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