

Converting Colors

YUV(109.0880, -3.4944, 0.7998)

Have a look what the booklet for
YUV(109.0880, -3.4944, 0.7998)
contains.

YUV(109.0880, -3.4944, 0.7998)	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(109.0880, -3.4944,
0.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6E66
RGB	110, 110, 102
RGB Percent	43%, 43%, 40%
CMY	0.5686, 0.5686, 0.6000
CMYK	0.00, 0.00, 0.07, 0.57
HSL	60°, 4%, 42%
HSV	60°, 7%, 43%
XYZ	14.4046, 15.4262, 14.7887
YIQ	109.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

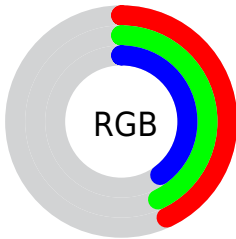
Format	Color
R_{YB}	102, 110, 102
Decimal	7237222
CIE _{Lab}	46.21, -1.58, 4.46
CIE _{LCh}	46, 4.728, 109.511
Yxy	15.4262, 0.3228, 0.3457
Android (android.graphics.Color)	4285427302 (0xFF6E6E66)
YUV	109.0880, -3.4944, 0.7998
Hunter-Lab	39.2762, -3.2680, 5.1688

Details

The YUV color **109.0880, -3.4944, 0.7998** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.9120, 3.4944, -0.7998**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9740, -3.9312, 0.8998**, and **61.7890, -3.3470, 0.1850** is the 20% darker color. If you saturate the color by 10%, you get **107.8340, -8.2992, 1.8996**, and if you desaturate by 10%, it is **110.3420, 1.3104, -0.2999**.

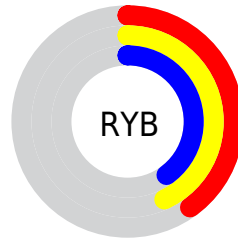
Distribution



Red (43%)

Green (43%)

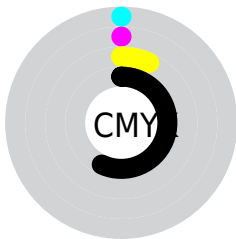
Blue (40%)



Red (40%)

Yellow (43%)

Blue (40%)

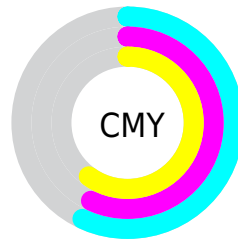


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (57%)



Cyan (57%)

Magenta (57%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0880, -3.4944, 0.7998 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 109.0880, -3.4944, 0.7998 by changing the saturation by 10% instead.

■ 109.0880, -3.4944,
0.7998

■ 109.0880, -3.4944,
0.7998

255.0000, 0.0000,
0.0000

■ 85.0880, -3.4944,
0.7998

■ 160.9740, -3.9312,
0.8998

■ 61.7890, -3.3470,
0.1850

■ 187.9740, -3.9312,
0.8998

■ 40.2020, -3.0576,
0.6998

■ 214.9740, -3.9312,
0.8998

■ 19.0880, -3.4944,
0.7998

■ 243.8600, -4.3680,
0.9998

■ 0.0000, 0.0000,
0.0000

■ 109.0880, -3.4944,

■ 109.0880, -3.4944,

0.7998

■ 107.8340, -8.2992,
1.8996

■ 106.5800,
-13.1039, 2.9993

■ 105.3260,
-17.9087, 4.0991

■ 104.0720,
-22.7135, 5.1989

■ 102.8180,
-27.5183, 6.2986

■ 101.5640,
-32.3231, 7.3984

■ 100.3100,
-37.1278, 8.4981

■ 99.0560, -41.9326,
9.5979

0.7998

■ 110.3420, 1.3104,
-0.2999

■ 111.5960, 6.1152,
-1.3997

■ 112.8500, 10.9200,
-2.4994

■ 114.1040, 15.7247,
-3.5992

■ 115.3580, 20.5295,
-4.6990

■ 116.6120, 25.3343,
-5.7987

■ 117.8660, 30.1391,
-6.8985

■ 119.1200, 34.9438,
-7.9982

■ 97.8020, -46.7374,
10.6976

■ 120.3740, 39.7486,
-9.0980

Harmonies

Analogous

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



109.6970, -3.7946, 3.7737



109.0880, -3.4944, 0.7998



108.4080, -2.1731, -2.9888

Triad

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



109.0880, -3.4944, 0.7998



108.4660, 3.2213, -6.5477



110.4460, 0.2731, 5.7479

Complementary

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



109.0880, -3.4944, 0.7998



102.9120, 3.4944, -0.7998

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.



110.2930, 2.3206, 2.3740



109.0880, -3.4944, 0.7998



109.0040, 3.9420, -4.3885

Square

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



109.0880, -3.4944, 0.7998



108.4120, 1.7689, -7.3773



109.9120, 3.4944, -0.7998



110.2890, -1.6215, 6.7625

Rectangle

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



109.0880, -3.4944, 0.7998



108.7390, -0.8573, -5.0331



109.9120, 3.4944, -0.7998



110.2610, 0.8573, 5.0331

Sweetspot

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



109.0880, -3.4944, 0.7998



142.6580, -1.3104, 0.2999



104.3920, -1.1793, 4.9182



70.8860, -0.4368, 0.1000



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



109.0880, -3.4944, 0.7998



141.5180, -5.6784, 1.2997



107.8920, -2.9048, -1.6593



55.3160, -2.6208, 0.5999



106.3200, -52.4158, 11.9974



218.8420, -107.8891, 24.6946

Inverse Universe

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



102.9120, 3.4944, -0.7998



131.4820, 5.6784, -1.2997



104.1080, 2.9048, 1.6593



50.6840, 2.6208, -0.5999



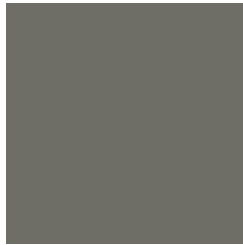
13.6800, 52.4158, -11.9974



28.1580, 107.8891, -24.6946

Previews

White Background



This preview shows how the YUV color 109.0880, -3.4944, 0.7998 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 109.0880, -3.4944, 0.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

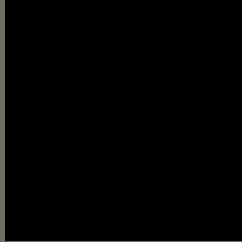
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.0880, -3.4944, 0.7998

Background



This preview shows how black text looks on a background with the YUV color 109.0880, -3.4944, 0.7998.



This preview shows how white text looks on a background with the YUV color 109.0880, -3.4944,

0.7998.

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

109.0880, -3.4944, 0.7998

Protanopia

109.2840, -4.0840, 3.2589

Deuteranopia

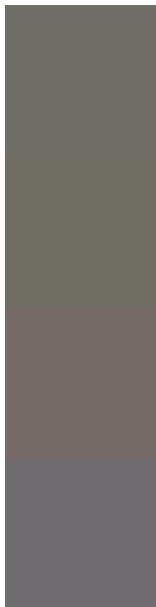
110.4420, -3.6689, 10.1364



Tritanopia

110.1080, 2.9048, 1.6593

Trichromacy



Original Color

109.0880, -3.4944, 0.7998

Protanomaly

108.9850, -3.9366, 2.6442

Deuteranomaly

109.8330, -3.3687, 7.1625

Tritanomaly

109.8260, 0.5788, 1.0296

Monochromacy



Original Color

109.0880, -3.4944, 0.7998

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6580, -1.3104, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0880, -3.4944, 0.7998 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(110, 110, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 110, 102)  
}
```

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(110, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 110, 102) }
```

Border

The CSS property to change the border of an element to YUV 109.0880, -3.4944, 0.7998 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(110, 110, 102) }
```


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

```
.border{ border-color:rgb(110, 110, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 110, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 110,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 109.0880, -3.4944, 0.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 110, 102) }
```

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

```
.background{ background-color: rgb(110,  
110, 102) }
```

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