

Converting Colors

YUV(113.9840, 0.9939, 7.9070)

Have a look what the booklet for
YUV(113.9840, 0.9939, 7.9070)
contains.

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Color

**YUV(113.9840, 0.9939,
7.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6D74
RGB	123, 109, 116
RGB Percent	48%, 43%, 45%
CMY	0.5176, 0.5725, 0.5451
CMYK	0.00, 0.11, 0.06, 0.52
HSL	330°, 6%, 45%
HSV	330°, 11%, 48%
XYZ	16.7894, 16.4092, 18.8054
YIQ	113.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

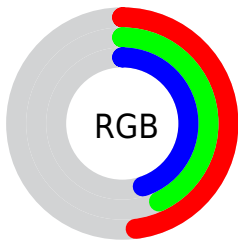
Format	Color
R_{YB}	123, 109, 116
Decimal	8088948
CIE Lab	47.51, 6.81, -1.88
CIE LCh	48, 7.065, 344.527
Yxy	16.4092, 0.3228, 0.3155
Android (android.graphics.Color)	4286279028 (0xFF7B6D74)
YUV	113.9840, 0.9939, 7.9070
Hunter-Lab	40.5083, 3.0932, 0.8312

Details

The YUV color **113.9840, 0.9939, 7.9070** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.0160, -0.9939, -7.9070**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6960, 1.1359, 9.0366**, and **66.2720, 0.8519, 6.7775** is the 20% darker color. If you saturate the color by 10%, you get **106.2560, 1.8458, 14.6845**, and if you desaturate by 10%, it is **121.7120, 0.1420, 1.1296**.

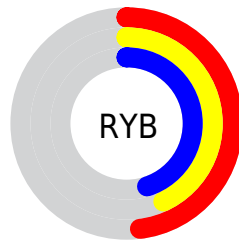
Distribution



Red (48%)

Green (43%)

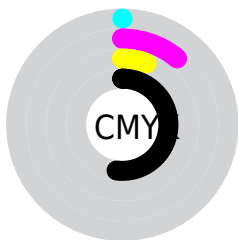
Blue (45%)



Red (48%)

Yellow (43%)

Blue (45%)

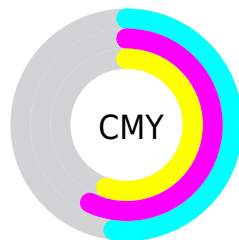


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (52%)



Cyan (52%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.9840, 0.9939, 7.9070 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 113.9840, 0.9939, 7.9070 by changing the saturation by 10% instead.


 113.9840, 0.9939,
7.9070


 113.9840, 0.9939,
7.9070


255.0000, 0.0000,
0.0000


 89.5710, 0.7045,
7.3922


 165.6960, 1.1359,
9.0366


 66.2720, 0.8519,
6.7775

 192.6960, 1.1359,
9.0366

 44.2720, 0.8519,
6.7775

 220.6960, 1.1359,
9.0366

 22.9730, 0.9993,
6.1627

 248.2010, 1.8729,
5.9627

 0.0000, 0.0000,
0.0000

 113.9840, 0.9939,

 113.9840, 0.9939,

7.9070

106.2560, 1.8458,
14.6845

97.9410, 2.9871,
21.9767

90.2130, 3.8390,
28.7542

82.3710, 4.2541,
35.6316

74.0560, 5.3954,
42.9239

66.3280, 6.2473,
49.7013

58.6000, 7.0992,
56.4788

50.8720, 7.9511,
63.2563

7.9070

121.7120, 0.1420,
1.1296

130.0270, -0.9993,
-6.1627

137.7550, -1.8512,
-12.9401

145.5970, -2.2663,
-19.8176

153.9120, -3.4076,
-27.1098

161.6400, -4.2595,
-33.8873

169.3680, -5.1114,
-40.6647

177.0960, -5.9633,
-47.4422

■ 43.8450, 8.9504,
69.4189

■ 185.4110, -7.1046,
-54.7344

Harmonies

Analogous

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



113.3470, 3.7729, 3.2037



113.9840, 0.9939, 7.9070



114.1970, -2.0691, 10.3512

Triad

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



113.9840, 0.9939, 7.9070



112.2300, -5.5364, 2.4293



111.4870, 4.6899, -10.9511

Complementary

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



113.9840, 0.9939, 7.9070



118.0160, -0.9939, -7.9070

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.



110.5040, 2.2165, -10.9660



113.9840, 0.9939, 7.9070



111.6530, -3.7729, -3.2037

Square

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



113.9840, 0.9939, 7.9070



112.8500, -5.8420, 7.1476



111.0160, -0.9939, -7.9070



111.8510, 5.9895, -7.7623

Rectangle

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



113.9840, 0.9939, 7.9070



113.4420, -3.6689, 10.1364



111.0160, -0.9939, -7.9070



110.9600, 3.9637, -11.3659

Sweetspot

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



113.9840, 0.9939, 7.9070



157.7230, 0.1366, 2.8739



112.6890, 5.0833, 2.9037



79.4240, 0.2840, 2.2592



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



113.9840, 0.9939, 7.9070



146.1310, 1.4144, 13.0401



113.1860, -2.0637, 8.6069



57.1360, 0.4260, 3.3887



44.4430, 8.6556, 70.6485



89.7120, 17.8900, 142.3266

Inverse Universe

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



113.9840, 0.9939, 7.9070



146.1310, 1.4144, 13.0401



118.8140, 2.0637, -8.6069



57.1360, 0.4260, 3.3887



44.4430, 8.6556, 70.6485



89.7120, 17.8900, 142.3266

Previews

White Background



This preview shows how the YUV color 113.9840, 0.9939, 7.9070 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 113.9840, 0.9939, 7.9070 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 113.9840, 0.9939, 7.9070

Background



This preview shows how black text looks on a background with the YUV color 113.9840, 0.9939, 7.9070.



This preview shows how white text looks on a background with the YUV color 113.9840, 0.9939,

7.9070.

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

113.9840, 0.9939, 7.9070

Protanopia

112.9830, 2.4734, 0.0149

Deuteranopia

113.6850, 1.1413, 7.2923



Tritanopia

114.0980, 1.4307, 7.8071

Trichromacy



Original Color

113.9840, 0.9939, 7.9070

Protanomaly

113.4780, 1.7363, 3.0888

Deuteranomaly

113.6850, 1.1413, 7.2923

Tritanomaly

114.0980, 1.4307, 7.8071

Monochromacy



Original Color

113.9840, 0.9939, 7.9070

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8370, 0.5734, 2.7740

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9840, 0.9939, 7.9070 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(123, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(123, 109, 116)  
}
```

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(123, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 109, 116) }
```

Border

The CSS property to change the border of an element to YUV 113.9840, 0.9939, 7.9070 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(123, 109, 116) }
```


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

```
.border{ border-color:rgb(123, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(123, 109,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 113.9840, 0.9939, 7.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 109, 116) }
```

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

```
.background{ background-color: rgb(123,  
109, 116) }
```

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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