

Converting Colors

YUV(103.0440, -0.0217, 6.9774)

Have a look what the booklet for
YUV(103.0440, -0.0217, 6.9774)
contains.

YUV(103.0440, -0.0217, 6.9774)	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(103.0440, -0.0217,
6.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6367
RGB	111, 99, 103
RGB Percent	44%, 39%, 40%
CMY	0.5647, 0.6118, 0.5961
CMYK	0.00, 0.11, 0.07, 0.56
HSL	340°, 6%, 41%
HSV	340°, 11%, 44%
XYZ	13.4656, 13.2825, 14.6860
YIQ	103.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

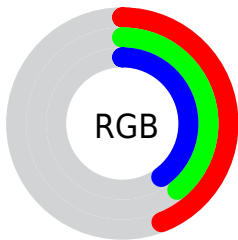
Format	Color
R _Y B	111, 99, 103
Decimal	7299943
CIE Lab	43.19, 5.54, -0.52
CIE LCh	43, 5.568, 354.606
Yxy	13.2825, 0.3250, 0.3206
Android (android.graphics.Color)	4285490023 (0xFF6F6367)
YUV	103.0440, -0.0217, 6.9774
Hunter-Lab	36.4451, 2.1724, 1.6199

Details

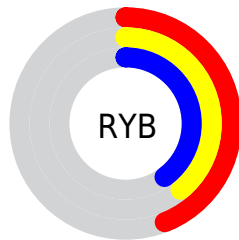
The YUV color **103.0440, -0.0217, 6.9774** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.9560, 0.0217, -6.9774**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3430, -0.1691, 7.5922**, and **56.3320, -0.1637, 5.8478** is the 20% darker color. If you saturate the color by 10%, you get **95.7890, 0.1040, 13.3400**, and if you desaturate by 10%, it is **110.2990, -0.1474, 0.6148**.

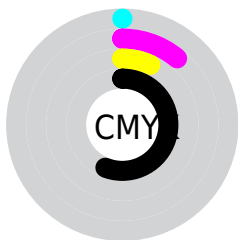
Distribution



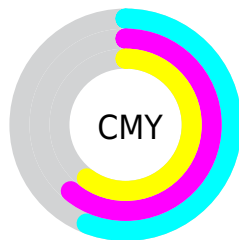
- Red (44%)
- Green (39%)
- Blue (40%)



- Red (44%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (56%)



- Cyan (56%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0440, -0.0217, 6.9774 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 103.0440, -0.0217, 6.9774 by changing the saturation by 10% instead.

■ 103.0440, -0.0217,
6.9774

■ 103.0440, -0.0217,
6.9774

255.0000, 0.0000,
0.0000

■ 79.0440, -0.0217,
6.9774

■ 154.3430, -0.1691,
7.5922

■ 56.3320, -0.1637,
5.8478

■ 180.7560, 0.1203,
8.1070

■ 34.4460, 0.2731,
5.7479

■ 208.6420, -0.3165,
8.2070

■ 11.8700, 0.5571,
8.0070

■ 236.7560, 0.1203,
8.1070

■ 0.0000, 0.0000,
0.0000

■ 103.0440, -0.0217,

■ 103.0440, -0.0217,

6.9774

■ 95.7890, 0.1040,
13.3400

■ 88.4200, -0.2071,
19.8027

■ 81.1650, -0.0813,
26.1653

■ 73.7960, -0.3924,
32.6279

■ 66.5410, -0.2667,
38.9905

■ 58.6990, 0.1484,
45.8680

■ 51.3300, -0.1627,
52.3306

■ 44.0750, -0.0370,
58.6932

6.9774

■ 110.2990, -0.1474,
0.6148

■ 117.6680, 0.1637,
-5.8478

■ 124.9230, 0.0380,
-12.2105

■ 132.2920, 0.3490,
-18.6731

■ 140.1340, -0.0661,
-25.5505

■ 147.3890, -0.1918,
-31.9132

■ 154.7580, 0.1193,
-38.3758

■ 162.0130, -0.0064,
-44.7384

■ 37.4070, -0.2007,
64.5411

■ 169.3820, 0.3047,
-51.2010

Harmonies

Analogous

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



102.8910, 2.0257, 3.6036



103.0440, -0.0217, 6.9774



102.7730, -2.3531, 8.0921

Triad

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



103.0440, -0.0217, 6.9774



101.6750, -3.7838, 0.2850



100.9820, 3.9529, -7.8772

Complementary

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



103.0440, -0.0217, 6.9774



106.9560, 0.0217, -6.9774

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.



100.9280, 2.5005, -8.7069



103.0440, -0.0217, 6.9774



100.8100, -1.8783, -4.2184

Square

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



103.0440, -0.0217, 6.9774



101.8820, -4.3788, 4.4885



100.6570, 0.1691, -7.5922



101.8190, 4.5262, -5.1033

Rectangle

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



103.0440, -0.0217, 6.9774



102.8330, -3.3687, 7.1625



100.6570, 0.1691, -7.5922



100.5690, 3.6635, -8.3920

Sweetspot

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



103.0440, -0.0217, 6.9774



142.3100, -0.1528, 2.3591



102.7600, 4.0623, 3.7185



72.0110, -0.0054, 1.7444



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



103.0440, -0.0217, 6.9774



132.4790, 0.2569, 10.9809



103.7620, -2.3477, 6.3477



52.0220, -0.0108, 3.4887



40.4400, -0.2169, 69.7741



83.2010, -0.5921, 143.6517

Inverse Universe

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



103.0440, -0.0217, 6.9774



132.4790, 0.2569, 10.9809



106.2380, 2.3477, -6.3477



52.0220, -0.0108, 3.4887



40.4400, -0.2169, 69.7741



83.2010, -0.5921, 143.6517

Previews

White Background



This preview shows how the YUV color 103.0440, -0.0217, 6.9774 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 103.0440, -0.0217, 6.9774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

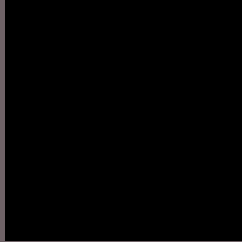
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.0440, -0.0217, 6.9774

Background



This preview shows how black text looks on a background with the YUV color 103.0440, -0.0217, 6.9774.

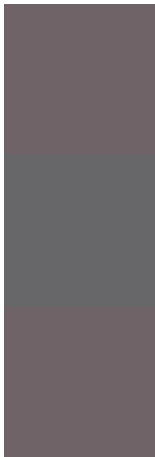


This preview shows how white text looks on a background with the YUV color 103.0440, -0.0217,

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

103.0440, -0.0217, 6.9774

Protanopia

102.5270, 0.7262, 0.4148

Deuteranopia

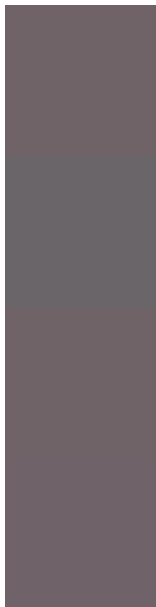
103.0440, -0.0217, 6.9774



Tritanopia

102.7990, 1.5781, 7.1923

Trichromacy



Original Color

103.0440, -0.0217, 6.9774

Protanomaly

102.8370, 0.5734, 2.7740

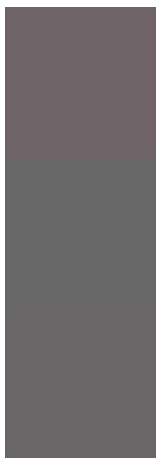
Deuteranomaly

103.0440, -0.0217, 6.9774

Tritanomaly

102.6850, 1.1413, 7.2923

Monochromacy



Original Color

103.0440, -0.0217, 6.9774

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0440, -0.0217, 6.9774 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(111, 99, 103)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 103)  
}
```

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(111, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 103) }
```

Border

The CSS property to change the border of an element to YUV 103.0440, -0.0217, 6.9774 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(111, 99, 103) }
```


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

```
.border{ border-color:rgb(111, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 99, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 99, 103);  
box-shadow:4px 4px 4px 4px rgb(111, 99,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 103.0440, -0.0217, 6.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 103) }
```

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

```
.background{ background-color: rgb(111, 99,  
103) }
```

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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