

Converting Colors

YUV(103.6970, -3.7946, 3.7737)

Have a look what the booklet for
YUV(103.6970, -3.7946, 3.7737)
contains.

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Color

**YUV(103.6970, -3.7946,
3.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6760
RGB	108, 103, 96
RGB Percent	42%, 40%, 38%
CMY	0.5765, 0.5961, 0.6235
CMYK	0.00, 0.05, 0.11, 0.58
HSL	35°, 6%, 40%
HSV	35°, 11%, 42%
XYZ	13.1459, 13.7332, 13.0242
YIQ	103.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

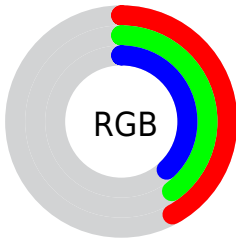
Format	Color
R_{YB}	105, 108, 96
Decimal	7104352
CIE _{Lab}	43.85, 0.61, 4.64
CIE _{LCh}	44, 4.683, 82.504
Yxy	13.7332, 0.3294, 0.3442
Android (android.graphics.Color)	4285294432 (0xFF6C6760)
YUV	103.6970, -3.7946, 3.7737
Hunter-Lab	37.0583, -1.5316, 5.1032

Details

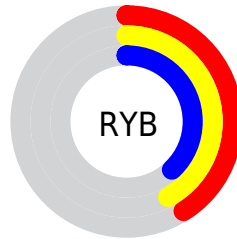
The YUV color **103.6970, -3.7946, 3.7737** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.3030, 3.7946, -3.7737**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5830, -4.2314, 3.8737**, and **56.8110, -3.3578, 3.6738** is the 20% darker color. If you saturate the color by 10%, you get **100.0950, -7.4418, 6.9327**, and if you desaturate by 10%, it is **107.8860, -0.4368, 0.1000**.

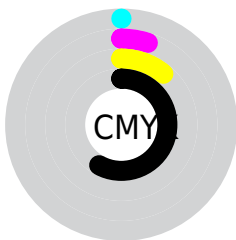
Distribution



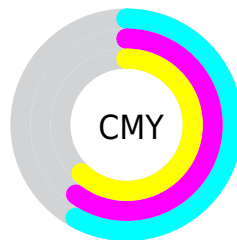
- Red (42%)
- Green (40%)
- Blue (38%)



- Red (41%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6970, -3.7946, 3.7737 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 103.6970, -3.7946, 3.7737 by changing the saturation by 10% instead.

■ 103.6970, -3.7946,
3.7737

■ 103.6970, -3.7946,
3.7737

255.0000, 0.0000,
0.0000

■ 79.6970, -3.7946,
3.7737

■ 154.5830, -4.2314,
3.8737

■ 56.8110, -3.3578,
3.6738

■ 181.5830, -4.2314,
3.8737

■ 35.5120, -3.2104,
3.0590

■ 208.8820, -4.3788,
4.4885

■ 13.6540, -5.2524,
4.6884

■ 237.7680, -4.8156,
4.5885

■ 0.0000, 0.0000,
0.0000

■ 103.6970, -3.7946,

■ 103.6970, -3.7946,

3.7737

3.7737

■ 100.0950, -7.4418,
6.9327

■ 107.8860, -0.4368,
0.1000

■ 95.9060, -10.7997,
10.6064

■ 111.4880, 3.2104,
-3.0590

■ 92.4180, -14.0101,
13.6654

■ 115.5630, 6.1314,
-6.6328

■ 88.2290, -17.3679,
17.3392

■ 119.1650, 9.7787,
-9.7917

■ 84.6270, -21.0151,
20.4981

■ 123.3540, 13.1365,
-13.4655

■ 80.4380, -24.3729,
24.1719

■ 126.9560, 16.7837,
-16.6244

■ 76.8360, -28.0201,
27.3308

■ 130.5580, 20.4309,
-19.7834

■ 72.7610, -30.9412,
30.9046

■ 134.6330, 23.3519,
-23.3571

■ 69.2730, -34.1516,
33.9636

■ 138.2350, 26.9991,
-26.5161

Harmonies

Analogous

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



104.2350, -3.0739, 5.9329



103.6970, -3.7946, 3.7737



103.0880, -3.4944, 0.7998

Triad

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



103.6970, -3.7946, 3.7737



102.4120, 1.7689, -7.3773



104.4780, 1.7363, 3.0888

Complementary

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



103.6970, -3.7946, 3.7737



100.3030, 3.7946, -3.7737

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.



103.9120, 3.4944, -0.7998



103.6970, -3.7946, 3.7737



102.5800, 3.6581, -6.6477

Square

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



103.6970, -3.7946, 3.7737



102.5540, -0.2731, -5.7479



103.3030, 3.7946, -3.7737



104.4460, 0.2731, 5.7479

Rectangle

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



103.6970, -3.7946, 3.7737



103.0060, -2.4680, -1.7593



103.3030, 3.7946, -3.7737



103.9940, 2.4680, 1.7593

Sweetspot

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



103.6970, -3.7946, 3.7737



138.3700, -1.1684, 1.4295



100.1580, 0.4151, 6.8774



70.1850, -0.5842, 0.7148



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.



103.6970, -3.7946, 3.7737



133.8390, -5.8366, 5.4032



106.3330, -5.0942, 0.5850



51.5550, -1.7526, 2.1443



74.8990, -36.9252, 36.9226



157.1960, -77.4976, 77.0041

Inverse Universe

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



100.3030, 3.7946, -3.7737



128.7480, 5.5472, -5.9180



97.6670, 5.0942, -0.5850



49.8580, 2.0420, -1.6295



42.1010, 36.9252, -36.9226



87.8040, 77.4976, -77.0041

Previews

White Background



This preview shows how the YUV color 103.6970, -3.7946, 3.7737 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 103.6970, -3.7946, 3.7737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

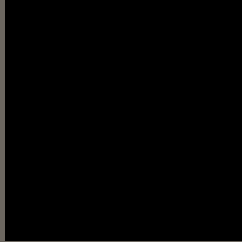
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6970, -3.7946, 3.7737

Background



This preview shows how black text looks on a background with the YUV color 103.6970, -3.7946, 3.7737.



This preview shows how white text looks on a background with the YUV color 103.6970, -3.7946,

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

103.6970, -3.7946, 3.7737

Protanopia

103.3980, -3.6472, 3.1590

Deuteranopia

104.4420, -3.6689, 10.1364



Tritanopia

104.6030, 2.1677, 4.7332

Trichromacy



Original Color

103.6970, -3.7946, 3.7737

Protanomaly

103.3980, -3.6472, 3.1590

Deuteranomaly

104.1320, -3.5161, 7.7772

Tritanomaly

104.3210, -0.1583, 4.1035

Monochromacy



Original Color

103.6970, -3.7946, 3.7737

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6970, -3.7946, 3.7737 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(108, 103, 96)` looks like.

```
.text, #text, p{  
    color:rgb(108, 103, 96)  
}
```

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(108, 103, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 103, 96) }
```

Border

The CSS property to change the border of an element to YUV 103.6970, -3.7946, 3.7737 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(108, 103, 96) }
```


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

```
.border{ border-color:rgb(108, 103, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 103, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 103, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 103, 96);  
box-shadow:4px 4px 4px 4px rgb(108, 103,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 103.6970, -3.7946, 3.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 103, 96) }
```

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

```
.background{ background-color: rgb(108,  
103, 96) }
```

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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