

Converting Colors

YUV(97.3970, 7.6923, -40.6902)

Have a look what the booklet for
YUV(97.3970, 7.6923, -40.6902)
contains.

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Color

**YUV(97.3970, 7.6923,
-40.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	337671
RGB	51, 118, 113
RGB Percent	20%, 46%, 44%
CMY	0.8000, 0.5373, 0.5569
CMYK	0.57, 0.00, 0.04, 0.54
HSL	176°, 40%, 33%
HSV	176°, 57%, 46%
XYZ	10.8243, 14.8529, 17.9192
YIQ	97.3970, -38.3270, -15.7590

Conversions

Conversions Part 2

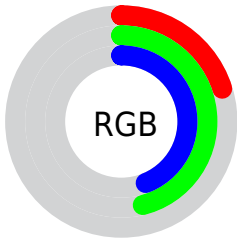
Format	Color
RYB	51, 86, 118
Decimal	3372657
CIELab	45.43, -22.44, -3.68
CIElCh	45, 22.736, 189.325
Yxy	14.8529, 0.2483, 0.3407
Android (android.graphics.Color)	4281562737 (0xFF337671)
YUV	97.3970, 7.6923, -40.6902
Hunter-Lab	38.5395, -17.3101, -0.5896

Details

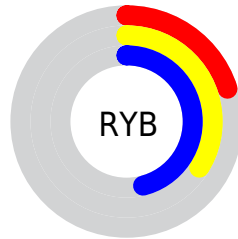
The YUV color **97.3970, 7.6923, -40.6902** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **71.6030, -7.6923, 40.6902**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6960, 7.5449, -40.0754**, and **47.9130, 8.4239, -42.0197** is the 20% darker color. If you saturate the color by 10%, you get **93.6950, 9.0244, -47.9675**, and if you desaturate by 10%, it is **101.0990, 6.3602, -33.4128**.

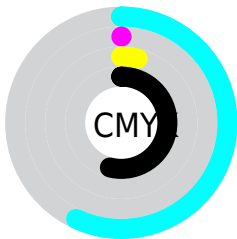
Distribution



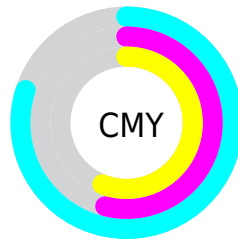
- Red (20%)
- Green (46%)
- Blue (44%)



- Red (20%)
- Yellow (34%)
- Blue (46%)



- Cyan (57%)
- Magenta (0%)
- Yellow (4%)
- Black (54%)



- Cyan (80%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3970, 7.6923, -40.6902 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 97.3970, 7.6923, -40.6902 by changing the saturation by 10% instead.

97.3970, 7.6923,
-40.6902

97.3970, 7.6923,
-40.6902

255.0000, 0.0000,
0.0000

71.0160, 8.8661,
-43.8640

149.6960, 7.5449,
-40.0754

47.9130, 8.4239,
-42.0197

177.2830, 7.2555,
-40.5902

31.9040, 5.4703,
-27.9798

204.9840, 7.4029,
-41.2050

19.0580, 1.9434,
-16.7139

233.5710, 7.1135,
-41.7198

0.0000, 0.0000,
0.0000

243.0400, 5.8963,
-24.5911

251.7110, 1.6215,

-6.7625

■ 97.3970, 7.6923,
-40.6902

■ 97.3970, 7.6923,
-40.6902

■ 93.6950, 9.0244,
-47.9675

■ 101.0990, 6.3602,
-33.4128

■ 89.9930, 10.3565,
-55.2449

■ 104.8010, 5.0281,
-26.1355

■ 86.5900, 11.5411,
-61.9074

■ 108.2040, 3.8434,
-19.4729

■ 82.8880, 12.8732,
-69.1848

■ 111.9060, 2.5113,
-12.1956

■ 81.6920, 13.4628,
-71.6439

■ 115.4940, 0.7425,
-4.8182

■ 119.1960, -0.5896,
2.4591

■ 122.8980, -1.9217,
9.7365

■ 126.3010, -3.1064,
16.3990

■ 130.0030, -4.4385,
23.6764

Harmonies

Analogous

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



100.6240, -3.2656, -25.9802



97.3970, 7.6923, -40.6902



96.7690, 16.8759, -46.2784

Triad

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



97.3970, 7.6923, -40.6902



110.1870, 13.2188, 6.8520



107.5500, -17.5261, 21.4427

Complementary

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



97.3970, 7.6923, -40.6902



71.6030, -7.6923, 40.6902

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.



108.6850, -12.1697, 30.0943



97.3970, 7.6923, -40.6902



110.2230, 5.3131, 22.6064

Square

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



97.3970, 7.6923, -40.6902



106.5480, 18.9568, -13.6356



109.5740, -3.7340, 31.0686



105.7610, -17.6302, 8.1026

Rectangle

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



97.3970, 7.6923, -40.6902



99.9100, 19.7644, -39.3861



109.5740, -3.7340, 31.0686



108.2130, -16.3740, 25.2462

Sweetspot

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



97.3970, 7.6923, -40.6902



144.9980, 2.9590, -15.7842



92.1230, -20.2736, -30.8029



71.9880, 1.4849, -9.6365



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.3970, 7.6923, -40.6902



120.9920, 11.8359, -63.1370



81.5310, 17.9792, -26.7757



57.0920, 0.4476, -3.5887



84.4960, 14.0525, -74.1030



173.0840, 28.5526, -151.7947

Inverse Universe

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



71.6030, -7.6923, 40.6902



81.0080, -11.8359, 63.1370



87.4690, -17.9792, 26.7757



54.7940, -0.8844, 3.6887



37.5040, -14.0525, 74.1030



76.9160, -28.5526, 151.7947

Previews

White Background



This preview shows how the YUV color 97.3970, 7.6923, -40.6902 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 97.3970, 7.6923, -40.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

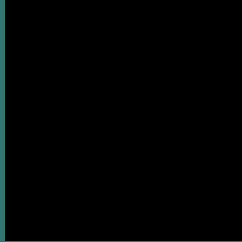
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3970, 7.6923, -40.6902

Background



This preview shows how black text looks on a background with the YUV color 97.3970, 7.6923, -40.6902.



This preview shows how white text looks on a background with the YUV color 97.3970, 7.6923, -40.6902.

-40.6902.

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

97.3970, 7.6923, -40.6902

Protanopia

106.8970, -0.4422, 1.8443

Deuteranopia

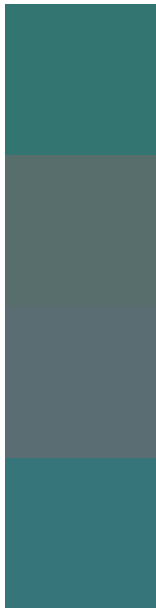
108.0590, 3.9149, 4.3333



Tritanopia

99.2000, 13.2124, -37.8864

Trichromacy



Original Color

97.3970, 7.6923, -40.6902

Protanomaly

103.3080, 2.8062, -13.4251

Deuteranomaly

104.0030, 5.4215, -12.2806

Tritanomaly

98.6190, 11.0338, -39.1309

Monochromacy



Original Color

97.3970, 7.6923, -40.6902

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2970, 2.8116, -15.1695

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3970, 7.6923, -40.6902 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(51, 118, 113)` looks like.

```
.text, #text, p{  
    color:rgb(51, 118, 113)  
}
```

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(51, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 118, 113) }
```

Border

The CSS property to change the border of an element to YUV 97.3970, 7.6923, -40.6902 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(51, 118, 113) }
```


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

```
.border{ border-color:rgb(51, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 118, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 118, 113);  
box-shadow:4px 4px 4px 4px rgb(51, 118,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 97.3970, 7.6923, -40.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 118, 113) }
```

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

```
.background{ background-color: rgb(51, 118,  
113) }
```

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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