

Converting Colors

YUV(61.3970, 7.6923, -40.6902)

Have a look what the booklet for
YUV(61.3970, 7.6923, -40.6902)
contains.

YUV(61.3970, 7.6923, -40.6902)	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(61.3970, 7.6923,
-40.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	0F524D
RGB	15, 82, 77
RGB Percent	6%, 32%, 30%
CMY	0.9412, 0.6784, 0.6980
CMYK	0.82, 0.00, 0.06, 0.68
HSL	176°, 69%, 19%
HSV	176°, 82%, 32%
XYZ	4.5538, 6.6720, 8.0690
YIQ	61.3970, -38.3270, -15.7590

Conversions

Conversions Part 2

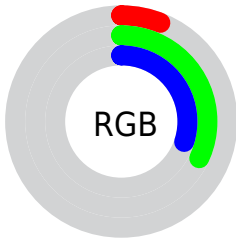
Format	Color
R_{YB}	15, 50, 82
Decimal	1004109
CIE _{Lab}	31.05, -21.19, -2.89
CIE _{LCh}	31, 21.389, 187.764
Yxy	6.6720, 0.2360, 0.3458
Android (android.graphics.Color)	4279194189 (0xFF0F524D)
YUV	61.3970, 7.6923, -40.6902
Hunter-Lab	25.8302, -13.7333, -0.4403

Details

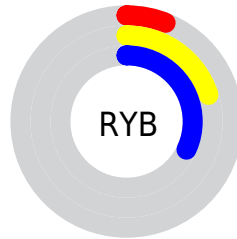
The YUV color **61.3970, 7.6923, -40.6902** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **35.6030, -7.6923, 40.6902**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0770, 6.3710, -36.9015**, and **25.4810, 3.7069, -22.3468** is the 20% darker color. If you saturate the color by 10%, you get **58.8910, 8.4347, -45.5084**, and if you desaturate by 10%, it is **63.9030, 6.9498, -35.8719**.

Distribution



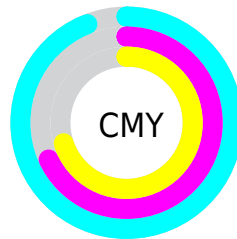
- Red (6%)
- Green (32%)
- Blue (30%)



- Red (6%)
- Yellow (20%)
- Blue (32%)



- Cyan (82%)
- Magenta (0%)
- Yellow (6%)
- Black (68%)



- Cyan (94%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.3970, 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 61.3970, 7.6923, -40.6902 by changing the saturation by 10% instead.

61.3970, 7.6923,
-40.6902

61.3970, 7.6923,
-40.6902

255.0000, 0.0000,
0.0000

40.7890, 6.5130,
-35.7720

113.0770, 6.3710,
-36.9015

25.4810, 3.7069,
-22.3468

139.0770, 6.3710,
-36.9015

5.9500, 2.4897,
-5.2181

165.9630, 5.9342,
-36.8016

0.0000, 0.0000,
0.0000

193.6640, 6.0816,
-37.4163

221.3650, 6.2291,
-38.0311

240.6480, 7.0755,

-29.5093

■ 249.0200, 2.9481,
-12.2955

■ 61.3970, 7.6923,
-40.6902

■ 61.3970, 7.6923,
-40.6902

■ 58.8910, 8.4347,
-45.5084

■ 63.9030, 6.9498,
-35.8719

■ 56.7980, 9.4666,
-49.8118

■ 66.2950, 5.7706,
-30.9537

■ 69.1000, 4.8807,
-25.5207

■ 71.4920, 3.7014,
-20.6025

■ 73.9980, 2.9590,
-15.7842

■ 76.5040, 2.2165,
-10.9660

■ 78.8960, 1.0373,
-6.0478

■ 81.7010, 0.1474,
-0.6148

■ 84.2070, -0.5951,
4.2035

Harmonies

Analogous

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



66.6460, -3.2765, -22.4915



61.3970, 7.6923, -40.6902



58.1490, 17.1815, -50.9967

Triad

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



61.3970, 7.6923, -40.6902



74.9480, 12.3506, 5.3076



72.8100, -15.1893, 18.5836

Complementary

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



61.3970, 7.6923, -40.6902



35.6030, -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.



73.5320, -10.1223, 26.7204



61.3970, 7.6923, -40.6902



75.5000, 5.1765, 19.7325

Square

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



61.3970, 7.6923, -40.6902



71.6790, 16.9203, -13.7505



74.4810, -2.7021, 26.7652



71.2170, -15.8830, 7.7027

Rectangle

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



61.3970, 7.6923, -40.6902



61.7740, 19.3384, -42.7748



74.4810, -2.7021, 26.7652



73.1740, -13.8898, 21.7724

Sweetspot

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



61.3970, 7.6923, -40.6902



98.6990, 3.1064, -16.3990



56.1230, -20.2736, -30.8029



48.6890, 1.6323, -10.2513



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



61.3970, 7.6923, -40.6902



74.6930, 11.9834, -63.7518



45.5310, 17.9792, -26.7757



39.6900, 0.1528, -2.3591



72.6930, 11.9834, -63.7518



160.6940, 26.7729, -140.9286

Inverse Universe

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



35.6030, -7.6923, 40.6902



34.3070, -11.9834, 63.7518



51.4690, -17.9792, 26.7757



38.1960, -0.5896, 2.4591



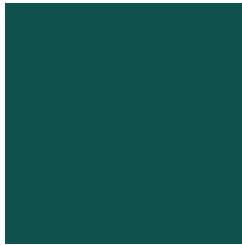
32.3070, -11.9834, 63.7518



71.3060, -26.7729, 140.9286

Previews

White Background



This preview shows how the YUV color 61.3970, 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 ✓ Pass

Black Background



This preview shows how the YUV color 61.3970, 7.6923, -40.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

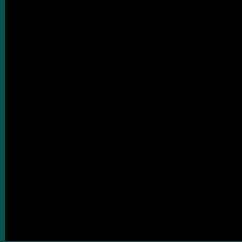
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.3970, 7.6923, -40.6902

Background



This preview shows how black text looks on a background with the YUV color 61.3970, 7.6923, -40.6902.



This preview shows how white text looks on a background with the YUV color 61.3970, 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

61.3970, 7.6923, -40.6902

Protanopia

73.4840, -0.7316, 1.3295

Deuteranopia

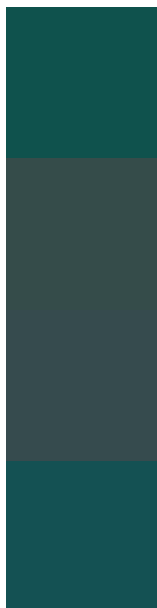
73.7060, 2.6099, 2.8888



Tritanopia

64.3420, 11.1704, -36.2569

Trichromacy



Original Color

61.3970, 7.6923, -40.6902

Protanomaly

68.8950, 2.5168, -13.9399

Deuteranomaly

69.0630, 4.4059, -13.2103

Tritanomaly

62.9890, 9.8654, -37.7014

Monochromacy



Original Color

61.3970, 7.6923, -40.6902

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2970, 2.8116, -15.1695

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.3970, 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(15, 82, 77)` looks like.

```
.text, #text, p{  
    color:rgb(15, 82, 77)  
}
```

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(15, 82, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 82, 77) }
```

Border

The CSS property to change the border of an element to YUV 61.3970, 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(15, 82, 77) }
```


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

```
.border{ border-color:rgb(15, 82, 77) }
```

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

Here you see how a box with a 4 pixel rgb(15, 82, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 82, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 82, 77);  
box-shadow:4px 4px 4px 4px rgb(15, 82, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.3970, 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(15, 82, 77) }
```

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

```
.background{ background-color: rgb(15, 82,  
77) }
```

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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