

Converting Colors

YUV(103.9730, 7.4083,
-42.9493)

Have a look what the booklet for
YUV(103.9730, 7.4083, -42.9493)
contains.

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Color

**YUV(103.9730, 7.4083,
-42.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	377E77
RGB	55, 126, 119
RGB Percent	22%, 49%, 47%
CMY	0.7843, 0.5059, 0.5333
CMYK	0.56, 0.00, 0.06, 0.51
HSL	174°, 39%, 35%
HSV	174°, 56%, 49%
XYZ	12.3662, 17.0658, 20.0950
YIQ	103.9730, -40.0690, -17.2290

Conversions

Conversions Part 2

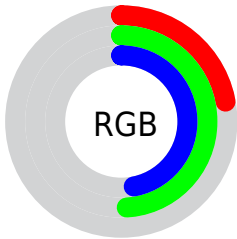
Format	Color
RYB	55, 92, 126
Decimal	3636855
CIELab	48.34, -23.98, -2.93
CIElCh	48, 24.160, 186.973
Yxy	17.0658, 0.2497, 0.3446
Android (android.graphics.Color)	4281826935 (0xFF377E77)
YUV	103.9730, 7.4083, -42.9493
Hunter-Lab	41.3108, -18.8609, 0.0768

Details

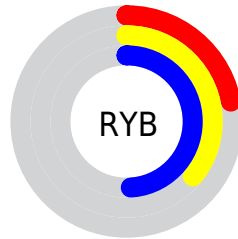
The YUV color **103.9730, 7.4083, -42.9493** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77.0270, -7.4083, 42.9493**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1580, 6.8241, -42.2346**, and **52.7060, 9.0189, -46.2232** is the 20% darker color. If you saturate the color by 10%, you get **99.9720, 8.8878, -50.8414**, and if you desaturate by 10%, it is **107.9740, 5.9288, -35.0572**.

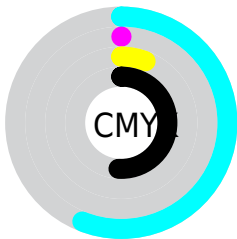
Distribution



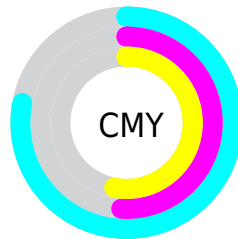
- Red (22%)
- Green (49%)
- Blue (47%)



- Red (22%)
- Yellow (36%)
- Blue (49%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (78%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9730, 7.4083, -42.9493 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 103.9730, 7.4083, -42.9493 by changing the saturation by 10% instead.

■ 103.9730, 7.4083,
-42.9493

■ 103.9730, 7.4083,
-42.9493

■ 255.0000, 0.0000,
0.0000

■ 77.4780, 8.1453,
-46.0232

■ 157.1580, 6.8241,
-42.2346

■ 52.7060, 9.0189,
-46.2232

■ 184.7450, 6.5347,
-42.7494

■ 36.5830, 5.6286,
-32.0833

■ 212.4460, 6.6821,
-43.3641

■ 22.5630, 2.6804,
-19.7878

■ 236.1630, 9.2866,
-38.7310

■ 0.0000, 0.0000,
0.0000

■ 244.5350, 5.1592,
-21.5172

■ 253.2060, 0.8844,

-3.6887

■ 103.9730, 7.4083,
-42.9493

■ 103.9730, 7.4083,
-42.9493

■ 99.9720, 8.8878,
-50.8414

■ 107.9740, 5.9288,
-35.0572

■ 96.2700, 10.2199,
-58.1188

■ 111.6760, 4.5967,
-27.7799

■ 92.1550, 11.2626,
-65.9109

■ 115.7910, 3.5540,
-19.9877

■ 88.4530, 12.5947,
-73.1883

■ 119.4930, 2.2220,
-12.7104

■ 86.9580, 13.3317,
-76.2622

■ 123.4940, 0.7425,
-4.8182

■ 127.4950, -0.7370,
3.0739

■ 131.3110, -1.6323,
10.2513

■ 135.3120, -3.1118,
18.1434

■ 139.0140, -4.4439,
25.4207

Harmonies

Analogous

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



107.8690, -4.8654, -26.1951



103.9730, 7.4083, -42.9493



102.9750, 17.7603, -49.9671

Triad

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



103.9730, 7.4083, -42.9493



117.2300, 14.6766, 5.9373



114.7460, -18.1158, 23.9018

Complementary

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



103.9730, 7.4083, -42.9493



77.0270, -7.4083, 42.9493

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.



115.9950, -12.3225, 32.4534



103.9730, 7.4083, -42.9493



118.1630, 6.3286, 23.5360

Square

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



103.9730, 7.4083, -42.9493



113.5800, 20.4201, -16.2947



117.1120, -3.0132, 33.2278



113.0170, -19.2354, 9.6321

Rectangle

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



103.9730, 7.4083, -42.9493



105.5180, 20.9436, -44.3043



117.1120, -3.0132, 33.2278



115.4090, -16.9636, 27.7053

Sweetspot

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



103.9730, 7.4083, -42.9493



154.2860, 2.8170, -16.9138



98.7700, -21.5786, -32.2473



76.6890, 1.6323, -10.2513



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.



103.9730, 7.4083, -42.9493



128.5570, 11.5574, -67.1405



88.3350, 18.5688, -29.2348



61.7930, 0.5951, -4.2035



88.2460, 13.1897, -77.3917



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.0270, -7.4083, 42.9493



86.4430, -11.5574, 67.1405



92.6650, -18.5688, 29.2348



59.2070, -0.5951, 4.2035



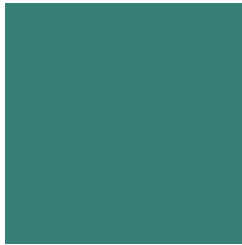
39.7540, -13.1897, 77.3917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.9730, 7.4083, -42.9493 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 103.9730, 7.4083, -42.9493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

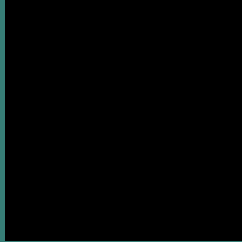
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 103.9730, 7.4083, -42.9493

Background



This preview shows how black text looks on a background with the YUV color 103.9730, 7.4083, -42.9493.



This preview shows how white text looks on a background with the YUV color 103.9730, 7.4083, -42.9493.

-42.9493.

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

103.9730, 7.4083, -42.9493

Protanopia

114.6690, -1.3158, 2.0443

Deuteranopia

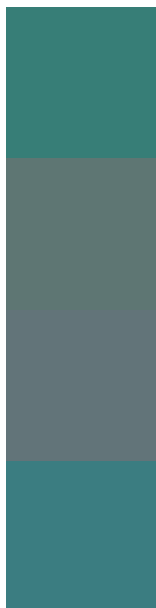
115.5430, 3.1833, 5.6628



Tritanopia

106.3030, 13.6546, -39.7307

Trichromacy



Original Color

103.9730, 7.4083, -42.9493

Protanomaly

110.4820, 2.2274, -14.4547

Deuteranomaly

111.1880, 4.8373, -11.5659

Tritanomaly

105.7220, 11.4761, -40.9752

Monochromacy



Original Color

103.9730, 7.4083, -42.9493

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8840, 2.5222, -15.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9730, 7.4083, -42.9493 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(55, 126, 119)` looks like.

```
.text, #text, p{  
    color:rgb(55, 126, 119)  
}
```

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(55, 126, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 126, 119) }
```

Border

The CSS property to change the border of an element to YUV 103.9730, 7.4083, -42.9493 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(55, 126, 119) }
```


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

```
.border{ border-color:rgb(55, 126, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 126, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 126, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 126, 119);  
box-shadow:4px 4px 4px 4px rgb(55, 126,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 103.9730, 7.4083, -42.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 126, 119) }
```

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

```
.background{ background-color: rgb(55, 126,  
119) }
```

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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