

# Converting Colors

YUV(95.3860, 7.6977, -42.4345)

Have a look what the booklet for  
YUV(95.3860, 7.6977, -42.4345)  
contains.

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# Color

**YUV(95.3860, 7.6977,  
-42.4345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F756F
RGB	47, 117, 111
RGB Percent	18%, 46%, 44%
CMY	0.8157, 0.5412, 0.5647
CMYK	0.60, 0.00, 0.05, 0.54
HSL	175°, 43%, 32%
HSV	175°, 60%, 46%
XYZ	10.4028, 14.4746, 17.2845
YIQ	95.3860, -39.7940, -16.7060

# Conversions

## Conversions Part 2

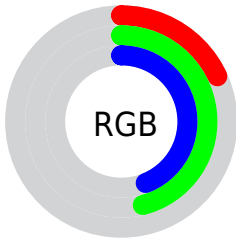
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	47, 84, 117
Decimal	3110255
CIE Lab	44.91, -23.36, -3.28
CIE LCh	45, 23.585, 187.998
Yxy	14.4746, 0.2467, 0.3433
Android (android.graphics.Color)	4281300335 (0xFF2F756F)
YUV	95.3860, 7.6977, -42.4345
Hunter-Lab	38.0455, -17.7722, -0.3043

# Details

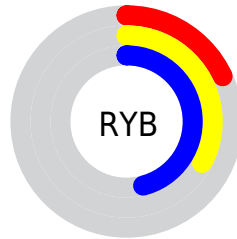
The YUV color **95.3860, 7.6977, -42.4345** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **68.6140, -7.6977, 42.4345**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9840, 7.4029, -41.2050**, and **47.0980, 7.8397, -41.3049** is the 20% darker color. If you saturate the color by 10%, you get **91.6840, 9.0298, -49.7119**, and if you desaturate by 10%, it is **99.0880, 6.3656, -35.1572**.

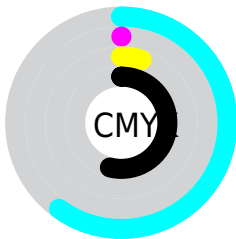
# Distribution



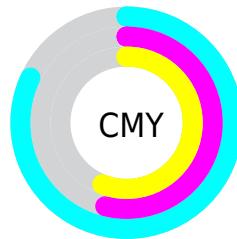
- Red (18%)
- Green (46%)
- Blue (44%)



- Red (18%)
- Yellow (33%)
- Blue (46%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.3860, 7.6977, -42.4345 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 95.3860, 7.6977, -42.4345 by changing the saturation by 10% instead.



95.3860, 7.6977,  
-42.4345

95.3860, 7.6977,  
-42.4345

255.0000, 0.0000,  
0.0000

68.4070, 9.1663,  
-46.8379

147.9840, 7.4029,  
-41.2050

47.0980, 7.8397,  
-41.3049

175.5710, 7.1135,  
-41.7198

31.2030, 5.3229,  
-27.3650

203.1580, 6.8241,  
-42.2346

17.6560, 1.6486,  
-15.4843

231.8590, 6.9715,  
-42.8493

0.0000, 0.0000,  
0.0000

241.8440, 6.4859,  
-27.0502

250.5150, 2.2111,

-9.2217

■ 95.3860, 7.6977,  
-42.4345

■ 95.3860, 7.6977,  
-42.4345

■ 91.6840, 9.0298,  
-49.7119

■ 99.0880, 6.3656,  
-35.1572

■ 88.2810, 10.2145,  
-56.3744

■ 102.4910, 5.1809,  
-28.4946

■ 84.5790, 11.5466,  
-63.6518

■ 106.1930, 3.8489,  
-21.2173

■ 80.8770, 12.8786,  
-70.9291

■ 109.8950, 2.5168,  
-13.9399

■ 113.5970, 1.1847,  
-6.6626

■ 117.0000, 0.0000,  
0.0000

■ 120.7020, -1.3321,  
7.2773

■ 124.4040, -2.6642,  
14.5547

■ 127.8070, -3.8489,  
21.2173

# Harmonies

## Analogous

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



99.3960, -4.1392, -25.7803



95.3860, 7.6977, -42.4345



94.2740, 17.6129, -49.3523

# Triad

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



95.3860, 7.6977, -42.4345



108.4150, 14.0924, 6.6520



106.1480, -17.8210, 22.6722

# Complementary

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



95.3860, 7.6977, -42.4345



68.6140, -7.6977, 42.4345

# 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.



107.3970, -12.0277, 31.2238



95.3860, 7.6977, -42.4345



108.7500, 6.0393, 23.0213

# Square

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



95.3860, 7.6977, -42.4345



105.0640, 19.6884, -14.9651



108.4000, -3.1552, 32.0982



104.8320, -18.6512, 8.9173



# Rectangle

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



95.3860, 7.6977, -42.4345



97.1160, 20.6488, -43.0747



108.4000, -3.1552, 32.0982



106.9250, -16.2320, 26.3758

# Sweetspot

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



95.3860, 7.6977, -42.4345



144.4000, 3.2538, -17.0138



90.1830, -21.2892, -31.7325



71.6890, 1.6323, -10.2513



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.



95.3860, 7.6977, -42.4345



119.0840, 12.2836, -66.7257



79.6340, 18.4214, -28.6200



57.0920, 0.4476, -3.5887



84.3820, 13.6157, -74.0030



172.7420, 27.2422, -151.4947



# Inverse Universe

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



68.6140, -7.6977, 42.4345



76.9160, -12.2836, 66.7257



84.3660, -18.4214, 28.6200



54.7940, -0.8844, 3.6887



37.6180, -13.6157, 74.0030

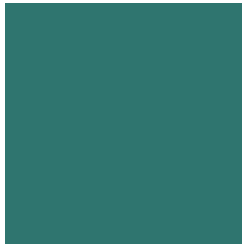


77.1440, -27.6790, 151.5947



# Previews

## White Background



This preview shows how the YUV color 95.3860, 7.6977, -42.4345 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 95.3860, 7.6977, -42.4345 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

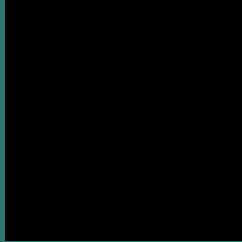
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.3860, 7.6977, -42.4345

## Background



This preview shows how black text looks on a background with the YUV color 95.3860, 7.6977, -42.4345.



This preview shows how white text looks on a background with the YUV color 95.3860, 7.6977, -42.4345.



# 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

95.3860, 7.6977, -42.4345

### Protanopia

105.7830, -0.8790, 1.9443

### Deuteranopia

106.9450, 3.4781, 4.4332



## Tritanopia

97.1890, 13.2178, -39.6308

# Trichromacy



## Original Color

95.3860, 7.6977, -42.4345

## Protanomaly

101.8950, 2.5168, -13.9399

## Deuteranomaly

102.5900, 5.1321, -12.7954

## Tritanomaly

96.6080, 11.0393, -40.8752

# Monochromacy



## Original Color

95.3860, 7.6977, -42.4345

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.2970, 2.8116, -15.1695

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.3860, 7.6977, -42.4345 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(47, 117, 111)` looks like.

```
.text, #text, p{  
    color:rgb(47, 117, 111)  
}
```

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(47, 117, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 117, 111) }
```

## Border

The CSS property to change the border of an element to YUV 95.3860, 7.6977, -42.4345 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(47, 117, 111) }
```



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

```
.border{ border-color:rgb(47, 117, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 117, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 117, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 117, 111);  
box-shadow:4px 4px 4px 4px rgb(47, 117,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 95.3860, 7.6977, -42.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 117, 111) }
```

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

```
.background{ background-color: rgb(47, 117,  
111) }
```

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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