

# Converting Colors

YUV(93.6960, 7.5449, -40.0754)

Have a look what the booklet for  
YUV(93.6960, 7.5449, -40.0754)  
contains.

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# Color

**YUV(93.6960, 7.5449,  
-40.0754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30726D
RGB	48, 114, 109
RGB Percent	19%, 45%, 43%
CMY	0.8118, 0.5529, 0.5725
CMYK	0.58, 0.00, 0.04, 0.55
HSL	175°, 41%, 32%
HSV	175°, 58%, 45%
XYZ	9.9966, 13.7671, 16.5984
YIQ	93.6960, -37.7310, -15.5470

# Conversions

## Conversions Part 2

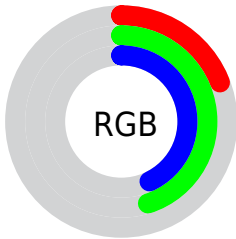
Format	Color
R <sub>YB</sub>	48, 82, 114
Decimal	3175021
CIE Lab	43.90, -22.16, -3.57
CIE LCh	44, 22.447, 189.148
Yxy	13.7671, 0.2477, 0.3411
Android (android.graphics.Color)	4281365101 (0xFF30726D)
YUV	93.6960, 7.5449, -40.0754
Hunter-Lab	37.1041, -16.8408, -0.5504

# Details

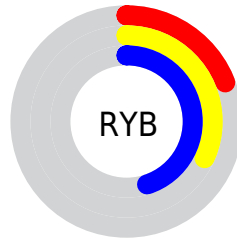
The YUV color **93.6960, 7.5449, -40.0754** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.3040, -7.5449, 40.0754**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8810, 6.9607, -39.3606**, and **45.8100, 7.9817, -40.1754** is the 20% darker color. If you saturate the color by 10%, you get **90.2930, 8.7296, -46.7380**, and if you desaturate by 10%, it is **97.0990, 6.3602, -33.4128**.

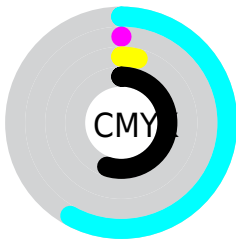
# Distribution



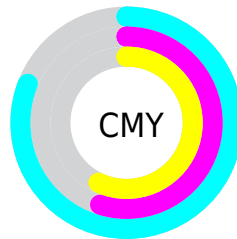
- Red (19%)
- Green (45%)
- Blue (43%)



- Red (19%)
- Yellow (32%)
- Blue (45%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (81%)
- Magenta (55%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.6960, 7.5449, -40.0754 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 93.6960, 7.5449, -40.0754 by changing the saturation by 10% instead.



93.6960, 7.5449,  
-40.0754

93.6960, 7.5449,  
-40.0754

255.0000, 0.0000,  
0.0000

67.0160, 8.8661,  
-43.8640

145.8810, 6.9607,  
-39.3606

45.8100, 7.9817,  
-40.1754

173.4680, 6.6713,  
-39.8754

29.8010, 5.0281,  
-26.1355

201.1690, 6.8187,  
-40.4902

15.6670, 1.6432,  
-13.7400

229.2830, 7.2555,  
-40.5902

0.0000, 0.0000,  
0.0000

241.8440, 6.4859,  
-27.0502

250.5150, 2.2111,

-9.2217

■ 93.6960, 7.5449,  
-40.0754

■ 93.6960, 7.5449,  
-40.0754

■ 90.2930, 8.7296,  
-46.7380

■ 97.0990, 6.3602,  
-33.4128

■ 86.5910, 10.0616,  
-54.0153

■ 100.8010, 5.0281,  
-26.1355

■ 83.1880, 11.2463,  
-60.6779

■ 104.2040, 3.8434,  
-19.4729

■ 79.6000, 13.0152,  
-68.0552

■ 107.7920, 2.0745,  
-12.0956

■ 78.8880, 12.8732,  
-69.1848

■ 111.1950, 0.8899,  
-5.4330

■ 114.5980, -0.2948,  
1.2296

■ 118.3000, -1.6269,  
8.5069

■ 121.7030, -2.8116,  
15.1695

■ 125.4050, -4.1437,  
22.4468

# Harmonies

## Analogous

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



96.9230, -3.4130, -25.3655



93.6960, 7.5449, -40.0754



93.0680, 16.7285, -45.6636

# Triad

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



93.6960, 7.5449, -40.0754



106.1870, 13.2188, 6.8520



103.6640, -17.0894, 21.3427

# Complementary

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



93.6960, 7.5449, -40.0754



68.3040, -7.5449, 40.0754

# 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.



104.5000, -11.5855, 29.3795



93.6960, 7.5449, -40.0754



106.2230, 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.



93.6960, 7.5449, -40.0754



103.0210, 18.2306, -14.0504



105.9760, -3.4392, 29.8390



101.8750, -17.1934, 8.0026



# Rectangle

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



93.6960, 7.5449, -40.0754



95.7960, 19.3276, -39.2861



105.9760, -3.4392, 29.8390



104.0280, -15.7898, 24.5314

# Sweetspot

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



93.6960, 7.5449, -40.0754



140.2970, 2.8116, -15.1695



88.5360, -19.9842, -30.2881



69.4010, 1.7743, -9.1217



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



93.6960, 7.5449, -40.0754



116.5900, 11.5411, -61.9074



78.4170, 17.5424, -26.6757



54.2060, 0.8844, -3.6887



83.0940, 13.7577, -72.8734



171.0950, 28.5472, -150.0503



# Inverse Universe

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



68.3040, -7.5449, 40.0754



77.4100, -11.5411, 61.9074



84.1700, -17.8318, 26.1609



51.9080, -0.4476, 3.5887



36.9060, -13.7577, 72.8734

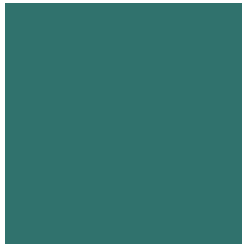


76.0190, -28.1104, 149.9503



# Previews

## White Background



This preview shows how the YUV color 93.6960, 7.5449, -40.0754 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 93.6960, 7.5449, -40.0754 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

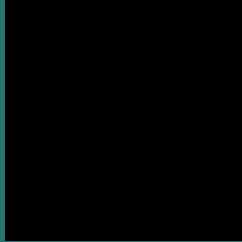
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.6960, 7.5449, -40.0754

## Background



This preview shows how black text looks on a background with the YUV color 93.6960, 7.5449, -40.0754.



This preview shows how white text looks on a background with the YUV color 93.6960, 7.5449, -40.0754.

-40.0754.

# 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

93.6960, 7.5449, -40.0754

### Protanopia

103.4840, -0.7316, 1.3295

### Deuteranopia

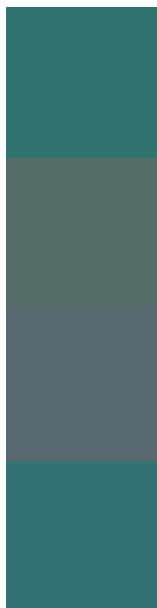
104.0590, 3.9149, 4.3333



## Tritanopia

95.3850, 12.6282, -37.1716

# Trichromacy



## Original Color

93.6960, 7.5449, -40.0754

## Protanomaly

99.8950, 2.5168, -13.9399

## Deuteranomaly

100.3020, 5.2741, -11.6659

## Tritanomaly

94.9180, 10.8864, -38.5161

# Monochromacy



## Original Color

93.6960, 7.5449, -40.0754

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

93.5960, 2.6642, -14.5547

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.6960, 7.5449, -40.0754 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(48, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(48, 114, 109)  
}
```

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(48, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 114, 109) }
```

## Border

The CSS property to change the border of an element to YUV 93.6960, 7.5449, -40.0754 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(48, 114, 109) }
```



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

```
.border{ border-color:rgb(48, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(48, 114,  
109) }
```

# Background

The CSS property to change the background color of an element to YUV 93.6960, 7.5449, -40.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 114, 109) }
```

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

```
.background{ background-color: rgb(48, 114,  
109) }
```

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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