

# Converting Colors

YUV(97.6590, 7.0701, -27.7649)

Have a look what the booklet for  
YUV(97.6590, 7.0701, -27.7649)  
contains.

<b>YUV(97.6590, 7.0701, -27.7649)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(97.6590, 7.0701,  
-27.7649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	426F70
RGB	66, 111, 112
RGB Percent	26%, 44%, 44%
CMY	0.7412, 0.5647, 0.5608
CMYK	0.41, 0.01, 0.00, 0.56
HSL	181°, 26%, 35%
HSV	181°, 41%, 44%
XYZ	10.8558, 13.6970, 17.4009
YIQ	97.6590, -27.1410, -9.2290

# Conversions

## Conversions Part 2

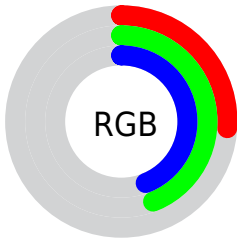
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 89, 112
Decimal	4353904
CIELab	43.80, -15.14, -5.44
CIElCh	44, 16.092, 199.755
Yxy	13.6970, 0.2588, 0.3265
Android (android.graphics.Color)	4282543984 (0xFF426F70)
YUV	97.6590, 7.0701, -27.7649
Hunter-Lab	37.0094, -12.4078, -1.9700

# Details

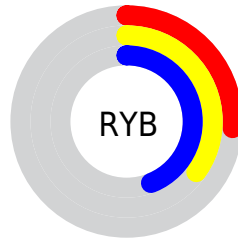
The YUV color **97.6590, 7.0701, -27.7649** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.3410, -7.0701, 27.7649**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3600, 7.2175, -28.3797**, and **48.7620, 7.5123, -29.6093** is the 20% darker color. If you saturate the color by 10%, you get **94.3700, 8.6916, -34.5275**, and if you desaturate by 10%, it is **100.9480, 5.4486, -21.0024**.

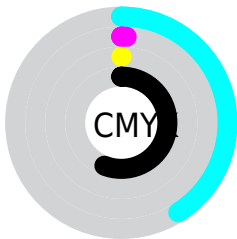
# Distribution



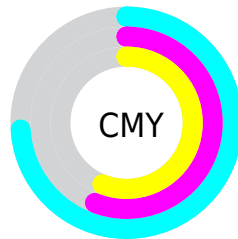
- Red (26%)
- Green (44%)
- Blue (44%)



- Red (26%)
- Yellow (35%)
- Blue (44%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (56%)



- Cyan (74%)
- Magenta (56%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.6590, 7.0701, -27.7649 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 97.6590, 7.0701, -27.7649 by changing the saturation by 10% instead.



97.6590, 7.0701,  
-27.7649

97.6590, 7.0701,  
-27.7649

255.0000, 0.0000,  
0.0000

73.3600, 7.2175,  
-28.3797

149.3600, 7.2175,  
-28.3797

48.7620, 7.5123,  
-29.6093

176.0610, 7.3649,  
-28.9945

28.8550, 6.4805,  
-25.3058

203.7620, 7.5123,  
-29.6093

15.4220, 3.2430,  
-13.5251

231.7620, 7.5123,  
-29.6093

0.0000, 0.0000,  
0.0000

246.3290, 4.2748,  
-17.8285

■ 97.6590, 7.0701,  
-27.7649

■ 97.6590, 7.0701,  
-27.7649

■ 94.3700, 8.6916,  
-34.5275

■ 100.9480, 5.4486,  
-21.0024

■ 91.0810, 10.3131,  
-41.2900

■ 104.2370, 3.8272,  
-14.2398

■ 86.9060, 12.3713,  
-48.1526

■ 108.4120, 1.7689,  
-7.3773

■ 83.6170, 13.9928,  
-54.9151

■ 111.7010, 0.1474,  
-0.6148

■ 80.3280, 15.6143,  
-61.6777

■ 114.9900, -1.4741,  
6.1478

■ 77.3380, 17.0884,  
-67.8254

■ 118.2790, -3.0955,  
12.9103

■ 122.1550, -5.0064,  
19.1581

■ 125.7430, -6.7753,

26.5354

■ 129.0320, -8.3968,  
33.2979

# Harmonies

## Analogous

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



98.7540, -0.3717, -20.8323



97.6590, 7.0701, -27.7649



98.3370, 12.1589, -26.6055

# Triad

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



97.6590, 7.0701, -27.7649



105.4170, 7.6824, 9.2813



103.3470, -12.9891, 12.8507

# Complementary

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



97.6590, 7.0701, -27.7649



80.3410, -7.0701, 27.7649

# 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.



104.4880, -10.1006, 19.7430



97.6590, 7.0701, -27.7649



105.5770, 1.6875, 18.7880

# Square

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



97.6590, 7.0701, -27.7649



104.3660, 11.6516, -3.8290



105.1770, -5.0173, 22.6468



101.6230, -11.6461, 2.0846



# Rectangle

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



97.6590, 7.0701, -27.7649



100.1250, 13.7424, -21.1576



105.1770, -5.0173, 22.6468



104.1840, -12.4157, 15.6246

# Sweetspot

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



97.6590, 7.0701, -27.7649



139.9170, 2.5059, -10.4512



93.1160, -12.8752, -23.7807



71.0100, 1.4741, -6.1478



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.



97.6590, 7.0701, -27.7649



123.1840, 10.7553, -43.1344



84.1580, 13.7261, -15.9246



54.2060, 0.8844, -3.6887



82.3590, 18.5570, -72.2288



170.2120, 37.8565, -149.2759



# Inverse Universe

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



84.8840, 12.8752, 23.7807



103.2090, 20.1100, 36.6507



93.8420, -13.7261, 15.9246



52.4780, 1.7363, 3.0888



49.2180, 33.4165, 62.0758

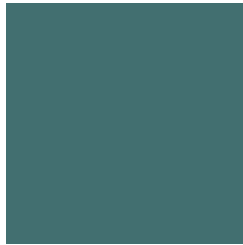


101.4410, 69.2956, 127.6552



# Previews

## White Background



This preview shows how the YUV color 97.6590, 7.0701, -27.7649 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 97.6590, 7.0701, -27.7649 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

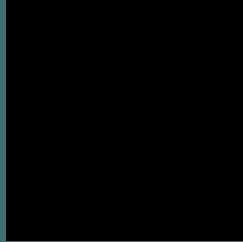
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.6590, 7.0701, -27.7649

## Background



This preview shows how black text looks on a background with the YUV color 97.6590, 7.0701, -27.7649.



This preview shows how white text looks on a background with the YUV color 97.6590, 7.0701, -27.7649.

-27.7649.

# 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

97.6590, 7.0701, -27.7649

### Protanopia

103.1680, 1.8892, 0.7297

### Deuteranopia

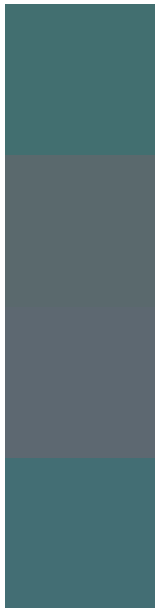
103.9880, 4.9359, 3.5185



## Tritanopia

98.4680, 10.1223, -26.7204

# Trichromacy



## Original Color

97.6590, 7.0701, -27.7649

## Protanomaly

100.9710, 3.9583, -9.6216

## Deuteranomaly

101.7370, 5.5527, -7.6623

## Tritanomaly

97.8270, 8.9593, -27.0353

# Monochromacy



## Original Color

97.6590, 7.0701, -27.7649

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.9170, 2.5059, -10.4512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.6590, 7.0701, -27.7649 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(66, 111, 112)` looks like.

```
.text, #text, p{  
    color:rgb(66, 111, 112)  
}
```

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(66, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 111, 112) }
```

## Border

The CSS property to change the border of an element to YUV 97.6590, 7.0701, -27.7649 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(66, 111, 112) }
```



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

```
.border{ border-color:rgb(66, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(66, 111,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 97.6590, 7.0701, -27.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 111, 112) }
```

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

```
.background{ background-color: rgb(66, 111,  
112) }
```

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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