

# Converting Colors

YUV(96.8760, 7.9491, -29.7093)

Have a look what the booklet for  
YUV(96.8760, 7.9491, -29.7093)  
contains.

<b>YUV(96.8760, 7.9491, -29.7093)</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(96.8760, 7.9491,  
-29.7093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6F71
RGB	63, 111, 113
RGB Percent	25%, 44%, 44%
CMY	0.7529, 0.5647, 0.5569
CMYK	0.44, 0.02, 0.00, 0.56
HSL	182°, 28%, 35%
HSV	182°, 44%, 44%
XYZ	10.7150, 13.6179, 17.6866
YIQ	96.8760, -29.2500, -9.5540

# Conversions

## Conversions Part 2

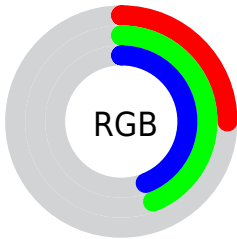
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 87, 113
Decimal	4157297
CIE <sub>Lab</sub>	43.68, -15.70, -6.23
CIE <sub>LCh</sub>	44, 16.892, 201.638
Yxy	13.6179, 0.2550, 0.3241
Android (android.graphics.Color)	4282347377 (0xFF3F6F71)
YUV	96.8760, 7.9491, -29.7093
Hunter-Lab	36.9024, -12.7501, -2.5848

# Details

The YUV color **96.8760, 7.9491, -29.7093** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79.1240, -7.9491, 29.7093**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5770, 8.0965, -30.3240**, and **47.0820, 8.8336, -33.3979** is the 20% darker color. If you saturate the color by 10%, you get **93.5870, 9.5706, -36.4718**, and if you desaturate by 10%, it is **100.1650, 6.3277, -22.9467**.

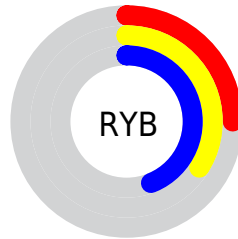
# Distribution



Red (25%)

Green (44%)

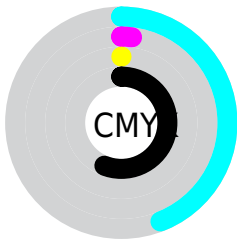
Blue (44%)



Red (25%)

Yellow (34%)

Blue (44%)

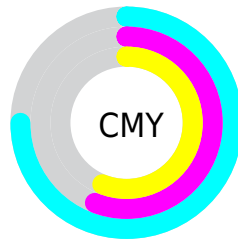


Cyan (44%)

Magenta (2%)

Yellow (0%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.8760, 7.9491, -29.7093 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 96.8760, 7.9491, -29.7093 by changing the saturation by 10% instead.



96.8760, 7.9491,  
-29.7093

96.8760, 7.9491,  
-29.7093

255.0000, 0.0000,  
0.0000

71.9900, 8.3859,  
-29.8092

148.5770, 8.0965,  
-30.3240

47.0820, 8.8336,  
-33.3979

175.2780, 8.2439,  
-30.9388

28.9690, 6.9173,  
-25.4058

203.2780, 8.2439,  
-30.9388

15.5360, 3.6798,  
-13.6251

230.9790, 8.3914,  
-31.5536

0.0000, 0.0000,  
0.0000

245.7310, 4.5696,  
-19.0581

254.4020, 0.2948,

-1.2296

■ 96.8760, 7.9491,  
-29.7093

■ 96.8760, 7.9491,  
-29.7093

■ 93.5870, 9.5706,  
-36.4718

■ 100.1650, 6.3277,  
-22.9467

■ 89.4120, 11.6289,  
-43.3343

■ 104.3400, 4.2694,  
-16.0842

■ 86.1230, 13.2504,  
-50.0969

■ 107.6290, 2.6479,  
-9.3216

■ 82.2470, 15.1612,  
-56.3446

■ 111.5050, 0.7370,  
-3.0739

■ 78.6590, 16.9301,  
-63.7219

■ 114.7940, -0.8844,  
3.6887

■ 76.2780, 18.1039,  
-66.8958

■ 118.9690, -2.9427,  
10.5512

■ 122.2580, -4.5642,  
17.3137

■ 126.1340, -6.4751,  
23.5615

■ 129.7220, -8.2439,  
30.9388

# Harmonies

## Analogous

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



97.9710, 0.5073, -22.7766



96.8760, 7.9491, -29.7093



97.9670, 13.3273, -28.0351

# Triad

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



96.8760, 7.9491, -29.7093



105.1290, 7.8244, 10.4109



102.9340, -13.2785, 12.3359

# Complementary

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



96.8760, 7.9491, -29.7093



79.1240, -7.9491, 29.7093

# 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.



103.9720, -10.8322, 21.0726



96.8760, 7.9491, -29.7093



105.4740, 1.2453, 20.6323

# Square

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



96.8760, 7.9491, -29.7093



103.8930, 12.3778, -3.4142



105.3620, -5.6015, 23.3615



101.2100, -11.9355, 1.5698



# Rectangle

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



96.8760, 7.9491, -29.7093



99.9400, 14.3266, -21.8724



105.3620, -5.6015, 23.3615



103.0700, -12.8525, 15.7246

# Sweetspot

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



96.8760, 7.9491, -29.7093



141.7320, 3.0901, -11.1660



92.5780, -13.5960, -25.9399



69.8250, 2.0583, -6.8625



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.



96.8760, 7.9491, -29.7093



122.9170, 12.3659, -46.4082



82.2010, 15.1839, -16.8393



54.2060, 0.8844, -3.6887



81.1850, 19.1358, -71.1992



167.2770, 39.3034, -146.7019



# Inverse Universe

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



83.4220, 13.5960, 25.9399



101.8720, 21.2621, 40.4543



93.7990, -15.1839, 16.8393



52.4780, 1.7363, 3.0888



48.9900, 32.5429, 62.2758



100.8710, 67.1116, 128.1551



# Previews

## White Background



This preview shows how the YUV color 96.8760, 7.9491, -29.7093 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 96.8760, 7.9491, -29.7093 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

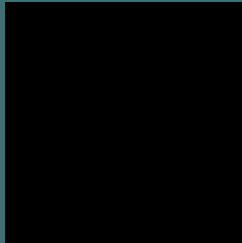
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 96.8760, 7.9491, -29.7093**

## **Background**



This preview shows how black text looks on a background with the YUV color 96.8760, 7.9491, -29.7093.



This preview shows how white text looks on a background with the YUV color 96.8760, 7.9491, -29.7093.



# 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

96.8760, 7.9491, -29.7093

### Protanopia

102.9830, 2.4734, 0.0149

### Deuteranopia

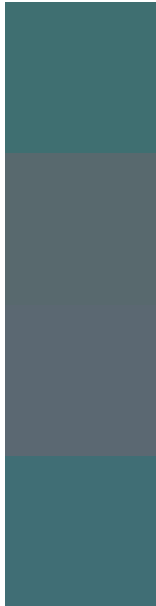
103.8030, 5.5201, 2.8038



## Tritanopia

97.5710, 10.5645, -28.5648

# Trichromacy



## Original Color

96.8760, 7.9491, -29.7093

## Protanomaly

100.4870, 4.6899, -10.9511

## Deuteranomaly

101.2530, 6.2843, -8.9919

## Tritanomaly

97.0440, 9.8383, -28.9796

# Monochromacy



## Original Color

96.8760, 7.9491, -29.7093

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

97.0310, 2.9427, -10.5512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.8760, 7.9491, -29.7093 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(63, 111, 113)` looks like.

```
.text, #text, p{  
    color:rgb(63, 111, 113)  
}
```

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(63, 111, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 111, 113) }
```

## Border

The CSS property to change the border of an element to YUV 96.8760, 7.9491, -29.7093 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(63, 111, 113) }
```



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

```
.border{ border-color:rgb(63, 111, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 111, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 111, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 111, 113);  
box-shadow:4px 4px 4px 4px rgb(63, 111,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 96.8760, 7.9491, -29.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 111, 113) }
```

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

```
.background{ background-color: rgb(63, 111,  
113) }
```

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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