

# Converting Colors

YUV(96.6010, -1.7753, -37.3611)

Have a look what the booklet for  
YUV(96.6010, -1.7753, -37.3611)  
contains.

<b>YUV(96.6010, -1.7753, -37.3611)</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(96.6010, -1.7753,  
-37.3611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36775D
RGB	54, 119, 93
RGB Percent	21%, 47%, 36%
CMY	0.7882, 0.5333, 0.6353
CMYK	0.55, 0.00, 0.22, 0.53
HSL	156°, 38%, 34%
HSV	156°, 55%, 47%
XYZ	10.0939, 14.7682, 12.6745
YIQ	96.6010, -30.3940, -21.8660

# Conversions

## Conversions Part 2

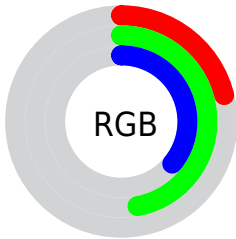
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 95, 119
Decimal	3569501
CIELab	45.32, -27.51, 8.06
CIElCh	45, 28.667, 163.665
Yxy	14.7682, 0.2689, 0.3934
Android (android.graphics.Color)	4281759581 (0xFF36775D)
YUV	96.6010, -1.7753, -37.3611
Hunter-Lab	38.4295, -20.3665, 7.3461

# Details

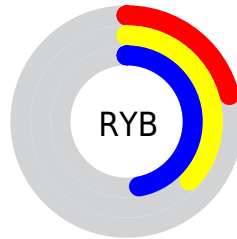
The YUV color **96.6010, -1.7753, -37.3611** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **76.3990, 1.7753, 37.3611**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9600, -2.9383, -37.6759**, and **46.4480, 0.2721, -40.7349** is the 20% darker color. If you saturate the color by 10%, you get **92.4430, -2.1904, -44.2385**, and if you desaturate by 10%, it is **100.7590, -1.3602, -30.4836**.

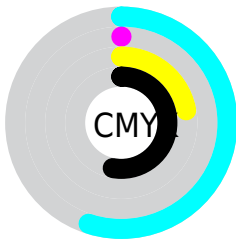
# Distribution



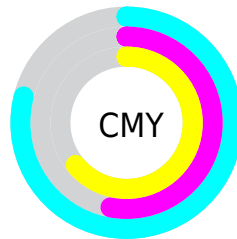
- Red (21%)
- Green (47%)
- Blue (36%)



- Red (21%)
- Yellow (37%)
- Blue (47%)



- Cyan (55%)
- Magenta (0%)
- Yellow (22%)
- Black (53%)



- Cyan (79%)
- Magenta (53%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.6010, -1.7753, -37.3611 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 96.6010, -1.7753, -37.3611 by changing the saturation by 10% instead.



96.6010, -1.7753,  
-37.3611

96.6010, -1.7753,  
-37.3611

255.0000, 0.0000,  
0.0000

71.1170, -1.0437,  
-38.6906

148.9600, -2.9383,  
-37.6759

46.4480, 0.2721,  
-40.7349

175.9600, -2.9383,  
-37.6759

30.5530, -2.2446,  
-26.7950

203.5470, -3.2277,  
-38.1907

15.8490, -7.8136,  
-13.8996

231.2480, -3.0803,  
-38.8055

0.0000, 0.0000,  
0.0000

243.2250, 5.3121,  
-23.8763

252.0100, 1.4741,

-6.1478

■ 96.6010, -1.7753,  
-37.3611

■ 96.6010, -1.7753,  
-37.3611

■ 92.4430, -2.1904,  
-44.2385

■ 100.7590, -1.3602,  
-30.4836

■ 88.2850, -2.6055,  
-51.1159

■ 104.9170, -0.9451,  
-23.6062

■ 84.2410, -2.5838,  
-58.0934

■ 108.9610, -0.9668,  
-16.6288

■ 80.0830, -2.9989,  
-64.9708

■ 113.1190, -0.5517,  
-9.7514

■ 77.9470, -3.4249,  
-68.3595

■ 117.2770, -0.1366,  
-2.8739

■ 121.1360, 0.4260,  
3.3887

■ 125.1800, 0.4043,  
10.3661

■ 129.3380, 0.8194,  
17.2436

■ 133.4960, 1.2345,  
24.1210

# Harmonies

## Analogous

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



101.1280, -14.3601, -14.1443



96.6010, -1.7753, -37.3611



85.9850, 15.7834, -69.2698

# Triad

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



96.6010, -1.7753, -37.3611



106.6880, 23.3248, -14.6354



107.6920, -16.1172, 36.2271

# Complementary

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



96.6010, -1.7753, -37.3611



76.3990, 1.7753, 37.3611

# 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.



109.3470, -6.0871, 39.1607



96.6010, -1.7753, -37.3611



110.2030, 15.6759, 12.1000

# Square

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



96.6010, -1.7753, -37.3611



97.5270, 27.3482, -45.1892



109.9790, 5.4334, 30.7134



106.3070, -22.3364, 24.2868



# Rectangle

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



96.6010, -1.7753, -37.3611



85.0150, 23.6566, -74.5582



109.9790, 5.4334, 30.7134



108.2130, -12.9230, 38.4012

# Sweetspot

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



96.6010, -1.7753, -37.3611



147.3850, -0.6828, -14.3696



99.9290, -22.6430, -17.4777



73.8310, -0.4097, -8.6218



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



96.6010, -1.7753, -37.3611



120.4150, -3.1626, -59.1230



95.4560, 11.6072, -36.3569



56.8640, -0.4260, -3.3887



79.9360, -3.4194, -70.1039



163.8500, -6.8280, -143.6964



# Inverse Universe

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



76.3990, 1.7753, 37.3611



88.4710, 2.7258, 59.2229



76.9570, -11.3178, 36.8717



55.0220, -0.0108, 3.4887



42.0640, 3.4194, 70.1039



86.1500, 6.8280, 143.6964



# Previews

## White Background



This preview shows how the YUV color 96.6010, -1.7753, -37.3611 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 96.6010, -1.7753, -37.3611 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 96.6010, -1.7753, -37.3611

## Background



This preview shows how black text looks on a background with the YUV color 96.6010, -1.7753, -37.3611.



This preview shows how white text looks on a background with the YUV color 96.6010, -1.7753,



# 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

96.6010, -1.7753, -37.3611

### Protanopia

105.9270, -9.3310, 6.2030

### Deuteranopia

107.5840, -5.7109, 11.7658



## Tritanopia

100.7770, 11.4489, -32.2534

# Trichromacy



## Original Color

96.6010, -1.7753, -37.3611

## Protanomaly

102.8110, -6.8088, -9.4812

## Deuteranomaly

103.8160, -4.3463, -5.9776

## Tritanomaly

98.9140, 6.9444, -34.1276

# Monochromacy



## Original Color

96.6010, -1.7753, -37.3611

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.7980, -0.3934, -13.8548

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.6010, -1.7753, -37.3611 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(54, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(54, 119, 93)  
}
```

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(54, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 119, 93) }
```

## Border

The CSS property to change the border of an element to YUV 96.6010, -1.7753, -37.3611 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(54, 119, 93) }
```



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

```
.border{ border-color:rgb(54, 119, 93) }
```

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

Here you see how a box with a 4 pixel rgb(54, 119, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(54, 119,  
93) }
```

# Background

The CSS property to change the background color of an element to YUV 96.6010, -1.7753, -37.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 119, 93) }
```

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

```
.background{ background-color: rgb(54, 119,  
93) }
```

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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