

# Converting Colors

YUV(97.9020, 38.9953, -0.7911)

Have a look what the booklet for  
YUV(97.9020, 38.9953, -0.7911)  
contains.

<b>YUV(97.9020, 38.9953, -0.7911)</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(97.9020, 38.9953,  
-0.7911)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6153B1
RGB	97, 83, 177
RGB Percent	38%, 33%, 69%
CMY	0.6196, 0.6745, 0.3059
CMYK	0.45, 0.53, 0.00, 0.31
HSL	249°, 38%, 51%
HSV	249°, 53%, 69%
XYZ	15.9588, 11.9022, 43.0512
YIQ	97.9020, -21.8300, 32.2020

# Conversions

## Conversions Part 2

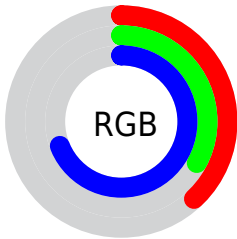
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 83, 177
Decimal	6378417
CIE <sub>Lab</sub>	41.06, 29.89, -48.41
CIE <sub>LCh</sub>	41, 56.897, 301.692
Yxy	11.9022, 0.2251, 0.1678
Android (android.graphics.Color)	4284568497 (0xFF6153B1)
<b>YUV</b>	97.9020, 38.9953, -0.7911
Hunter-Lab	34.4996, 22.1963, -49.8368

# Details

The YUV color **97.9020, 38.9953, -0.7911** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **162.0980, -38.9953, 0.7911**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0810, 40.8791, 1.6830**, and **48.1140, 37.4118, -6.2390** is the 20% darker color. If you saturate the color by 10%, you get **82.8510, 46.4155, -0.7463**, and if you desaturate by 10%, it is **112.9530, 31.5752, -0.8358**.

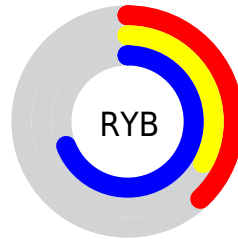
# Distribution



Red (38%)

Green (33%)

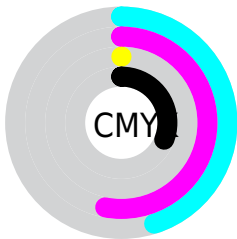
Blue (69%)



Red (38%)

Yellow (33%)

Blue (69%)

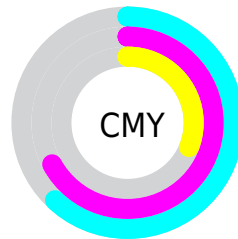


Cyan (45%)

Magenta (53%)

Yellow (0%)

Black (31%)



Cyan (62%)

Magenta (67%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.9020, 38.9953, -0.7911 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 97.9020, 38.9953, -0.7911 by changing the saturation by 10% instead.



■ 97.9020, 38.9953,  
-0.7911

■ 97.9020, 38.9953,  
-0.7911

■ 255.0000, 0.0000,  
0.0000

■ 73.2500, 37.8377,  
-2.8502

■ 150.0810, 40.8791,  
1.6830

■ 48.1140, 37.4118,  
-6.2390

■ 176.2230, 38.8371,  
3.3124

■ 21.1510, 37.8866,  
-18.5494

■ 200.7430, 26.7487,  
7.2414

■ 8.4360, 32.3231,  
-7.3984

■ 225.8500, 14.3710,  
10.6556

■ 8.0480, 20.6823,  
-7.0581

■ 247.3690, 3.7621,  
6.6924

■ 4.3660, 11.6516,  
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 97.9020, 38.9953,  
-0.7911

■ 97.9020, 38.9953,  
-0.7911

■ 82.8510, 46.4155,  
-0.7463

■ 112.9530, 31.5752,  
-0.8358

■ 68.3870, 53.5462,  
-1.2164

■ 127.4170, 24.4444,  
-0.3657

■ 53.3360, 60.9664,  
-1.1717

■ 142.4680, 17.0243,  
-0.4104

■ 38.2850, 68.3865,  
-1.1269

■ 157.5190, 9.6041,  
-0.4552

■ 27.9520, 73.4807,  
-1.7119

■ 171.9830, 2.4734,  
0.0149

■ 187.0340, -4.9468,  
-0.0298

■ 202.0850,  
-12.3669, -0.0745

■ 217.4350,  
-19.9345, 0.4955

■ 231.8990,  
-27.0652, 0.9656

# Harmonies

## Analogous

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



81.6480, 53.9105, -71.6053



97.9020, 38.9953, -0.7911



96.8670, 22.2506, 50.1056

# Triad

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



97.9020, 38.9953, -0.7911



90.5760, -43.6680, 52.9918



79.8510, 8.9475, -70.0293

# Complementary

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



97.9020, 38.9953, -0.7911



162.0980, -38.9953, 0.7911

# 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.



73.0910, -11.8769, -64.1008



97.9020, 38.9953, -0.7911



90.7370, -44.7333, 21.2787

# Square

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



97.9020, 38.9953, -0.7911



89.5380, -18.9992, 74.0732



83.7280, -41.2779, -13.7935



85.2090, 29.4770, -74.7283



# Rectangle

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



97.9020, 38.9953, -0.7911



90.9100, 10.3974, 71.9929



83.7280, -41.2779, -13.7935



78.0270, 1.9587, -68.4297

# Sweetspot

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



97.9020, 38.9953, -0.7911



198.7130, 15.4245, -0.6253



141.2630, 17.6183, -51.0967



96.4050, 9.1673, -0.3552



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



97.9020, 38.9953, -0.7911



106.0370, 61.1138, -1.7864



111.6560, 32.2146, 27.4887



81.6240, 3.6364, 0.3298



24.3190, 63.4397, -1.1568



4.1600, 10.7671, -0.1403



# Inverse Universe

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



120.2260, 21.0876, 49.7908



141.2030, 32.9309, 77.8750



148.3440, -32.2146, -27.4887



83.6030, 2.1677, 4.7332



60.5670, 34.2305, 81.0637



10.2820, 5.7770, 13.7847



# Previews

## White Background



This preview shows how the YUV color 97.9020, 38.9953, -0.7911 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 97.9020, 38.9953, -0.7911 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

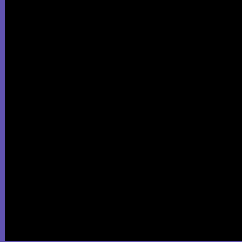
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.9020, 38.9953, -0.7911

## Background



This preview shows how black text looks on a background with the YUV color 97.9020, 38.9953, -0.7911.



This preview shows how white text looks on a background with the YUV color 97.9020, 38.9953,

-0.7911.

# 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

97.9020, 38.9953, -0.7911

### Protanopia

88.5700, 49.0190, -42.5959

### Deuteranopia

82.9290, 44.4050, -56.0657



## Tritanopia

94.6330, 6.5899, -13.7101

# Trichromacy



## Original Color

97.9020, 38.9953, -0.7911

## Protanomaly

92.0450, 45.3338, -27.2265

## Deuteranomaly

88.4800, 42.1614, -36.3780

## Tritanomaly

96.0540, 18.2144, -8.8174

# Monochromacy



## Original Color

97.9020, 38.9953, -0.7911

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.3710, 14.1141, -0.3254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.9020, 38.9953, -0.7911 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(97, 83, 177)` looks like.

```
.text, #text, p{  
    color:rgb(97, 83, 177)  
}
```

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(97, 83, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 83, 177) }
```

## Border

The CSS property to change the border of an element to YUV 97.9020, 38.9953, -0.7911 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(97, 83, 177) }
```



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

```
.border{ border-color:rgb(97, 83, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 83, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 83, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 83, 177);  
box-shadow:4px 4px 4px 4px rgb(97, 83,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 97.9020, 38.9953, -0.7911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 83, 177) }
```

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

```
.background{ background-color: rgb(97, 83,  
177) }
```

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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