

# Converting Colors

YUV(79.7320, -3.3189, 37.9460)

Have a look what the booklet for  
YUV(79.7320, -3.3189, 37.9460)  
contains.

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# Color

**YUV(79.7320, -3.3189,  
37.9460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B3B49
RGB	123, 59, 73
RGB Percent	48%, 23%, 29%
CMY	0.5176, 0.7686, 0.7137
CMYK	0.00, 0.52, 0.41, 0.52
HSL	347°, 35%, 36%
HSV	347°, 52%, 48%
XYZ	10.9349, 7.8199, 7.2364
YIQ	79.7320, 33.6500, 17.9220

# Conversions

## Conversions Part 2

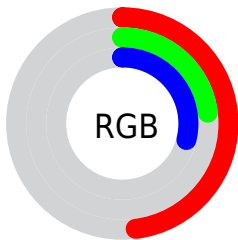
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 59, 73
Decimal	8076105
CIE <sub>Lab</sub>	33.61, 29.37, 4.51
CIE <sub>LCh</sub>	34, 29.711, 8.738
Yxy	7.8199, 0.4207, 0.3009
Android (android.graphics.Color)	4286266185 (0xFF7B3B49)
YUV	79.7320, -3.3189, 37.9460
Hunter-Lab	27.9641, 20.8625, 4.2322

# Details

The YUV color **79.7320, -3.3189, 37.9460** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.2680, 3.3189, -37.9460**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4120, -4.6401, 41.7347**, and **31.1060, -0.5453, 34.9870** is the 20% darker color. If you saturate the color by 10%, you get **71.5480, -4.2142, 45.1234**, and if you desaturate by 10%, it is **87.9160, -2.4236, 30.7687**.

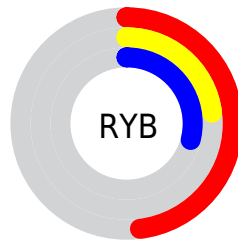
# Distribution



Red (48%)

Green (23%)

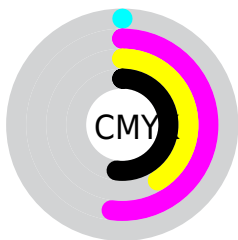
Blue (29%)



Red (48%)

Yellow (23%)

Blue (29%)

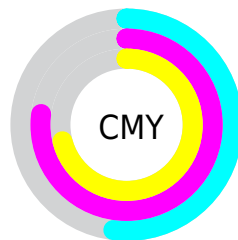


Cyan (0%)

Magenta (52%)

Yellow (41%)

Black (52%)



Cyan (52%)

Magenta (77%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.7320, -3.3189, 37.9460 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 79.7320, -3.3189, 37.9460 by changing the saturation by 10% instead.



79.7320, -3.3189,  
37.9460

79.7320, -3.3189,  
37.9460

255.0000, 0.0000,  
0.0000

55.3620, -2.1505,  
36.5165

130.4120, -4.6401,  
41.7347

31.1060, -0.5453,  
34.9870

157.0100, -4.9349,  
42.9642

14.8080, -5.3283,  
29.1094

184.6080, -5.2297,  
44.1938

1.4950, -0.7370,  
3.0739

209.5150, -4.1979,  
39.8903

0.0000, 0.0000,  
0.0000

229.1430, -0.0705,  
22.6766

249.1300, 2.8939,

5.1480

■ 79.7320, -3.3189,  
37.9460

■ 79.7320, -3.3189,  
37.9460

■ 71.5480, -4.2142,  
45.1234

■ 87.9160, -2.4236,  
30.7687

■ 62.8910, -4.3833,  
52.7156

■ 96.5730, -2.2545,  
23.1765

■ 54.7070, -5.2786,  
59.8930

■ 104.7570, -1.3592,  
15.9991

■ 46.6370, -5.7370,  
66.9704

■ 112.8270, -0.9007,  
8.9217

■ 39.8550, -6.3375,  
72.9182

■ 121.5980, -0.2948,  
1.2296

■ 129.7820, 0.6005,  
-5.9478

■ 137.8520, 1.0590,  
-13.0252

■ 146.0360, 1.9543,  
-20.2026

■ 154.6930, 2.1234,  
-27.7948

# Harmonies

## Analogous

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



81.2390, 7.7702, 27.8544



79.7320, -3.3189, 37.9460



78.6750, -13.6438, 36.2420

# Triad

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



79.7320, -3.3189, 37.9460



73.3950, -15.9707, -10.8704



64.5040, 28.8385, -56.5700

# Complementary

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



79.7320, -3.3189, 37.9460



102.2680, 3.3189, -37.9460

# 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.



65.1420, 21.1290, -57.1295



79.7320, -3.3189, 37.9460



67.5580, -3.2331, -36.4464

# Square

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



79.7320, -3.3189, 37.9460



76.2080, -22.2875, 8.5876



63.1070, 10.7932, -55.3448



75.8720, 24.2201, -21.8127



# Rectangle

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



79.7320, -3.3189, 37.9460



78.4370, -19.4424, 29.4348



63.1070, 10.7932, -55.3448



65.2220, 26.5126, -57.1997

# Sweetspot

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



79.7320, -3.3189, 37.9460



143.4580, -1.2118, 15.3843



80.9470, 20.7321, 23.7255



71.1260, -1.0481, 9.5365



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



79.7320, -3.3189, 37.9460



93.4080, -5.1311, 59.2782



88.1150, -14.3537, 30.5941



56.9080, -0.4476, 3.5887



40.4530, -6.6323, 74.1477



81.6180, -13.1227, 149.4250



# Inverse Universe

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



79.7320, -3.3189, 37.9460



93.4080, -5.1311, 59.2782



93.8850, 14.3537, -30.5941



56.9080, -0.4476, 3.5887



40.4530, -6.6323, 74.1477

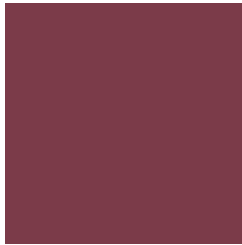


81.6180, -13.1227, 149.4250



# Previews

## White Background



This preview shows how the YUV color 79.7320, -3.3189, 37.9460 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

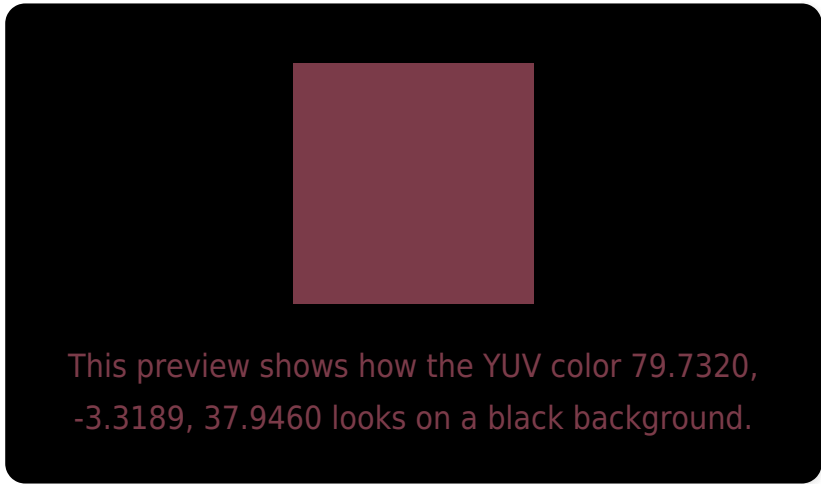
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 79.7320, -3.3189, 37.9460**

## **Background**



This preview shows how black text looks on a background with the YUV color 79.7320, -3.3189, 37.9460.



This preview shows how white text looks on a background with the YUV color 79.7320, -3.3189,



# 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

79.7320, -3.3189, 37.9460

### Protanopia

79.8690, 2.0366, 0.1149

### Deuteranopia

80.3880, -5.1213, 9.3067



## Tritanopia

79.1080, -6.9552, 37.6163

# Trichromacy



## Original Color

79.7320, -3.3189, 37.9460

## Protanomaly

80.0880, -0.0434, 13.9548

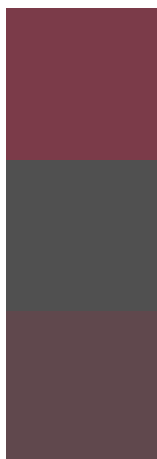
## Deuteranomaly

79.9810, -4.4276, 20.1877

## Tritanomaly

79.4500, -5.6449, 37.3163

# Monochromacy



## Original Color

79.7320, -3.3189, 37.9460

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

79.7460, -1.3538, 14.2548

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.7320, -3.3189, 37.9460 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(123, 59, 73)` looks like.

```
.text, #text, p{  
    color:rgb(123, 59, 73)  
}
```

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(123, 59, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 59, 73) }
```

## Border

The CSS property to change the border of an element to YUV 79.7320, -3.3189, 37.9460 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(123, 59, 73) }
```



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

```
.border{ border-color:rgb(123, 59, 73) }
```

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

Here you see how a box with a 4 pixel rgb(123, 59, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 59, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 59, 73);  
box-shadow:4px 4px 4px 4px rgb(123, 59,  
73) }
```

# Background

The CSS property to change the background color of an element to YUV 79.7320, -3.3189, 37.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 59, 73) }
```

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

```
.background{ background-color: rgb(123, 59,  
73) }
```

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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