

Converting Colors

YUV(93.3770, 38.7611, 27.7334)

Have a look what the booklet for
YUV(93.3770, 38.7611, 27.7334)
contains.

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Color

**YUV(93.3770, 38.7611,
27.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3EAC
RGB	125, 62, 172
RGB Percent	49%, 24%, 67%
CMY	0.5098, 0.7569, 0.3255
CMYK	0.27, 0.64, 0.00, 0.33
HSL	274°, 47%, 46%
HSV	274°, 64%, 67%
XYZ	17.6265, 10.7838, 40.1822
YIQ	93.3770, 2.2380, 47.5660

Conversions

Conversions Part 2

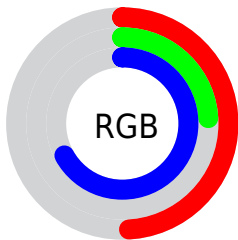
Format	Color
R_{YB}	125, 62, 172
Decimal	8208044
CIE _{Lab}	39.21, 47.14, -48.26
CIE _{LCh}	39, 67.464, 314.328
Yxy	10.7838, 0.2570, 0.1572
Android (android.graphics.Color)	4286398124 (0xFF7D3EAC)
YUV	93.3770, 38.7611, 27.7334
Hunter-Lab	32.8387, 38.3439, -49.5616

Details

The YUV color **93.3770, 38.7611, 27.7334** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **140.6230, -38.7611, -27.7334**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4420, 40.2081, 30.3074**, and **38.3170, 39.7767, 28.6630** is the 20% darker color. If you saturate the color by 10%, you get **81.3050, 44.7126, 32.1815**, and if you desaturate by 10%, it is **105.4490, 32.8096, 23.2852**.

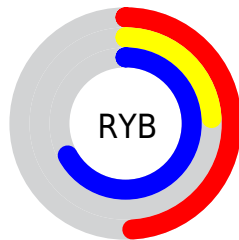
Distribution



Red (49%)

Green (24%)

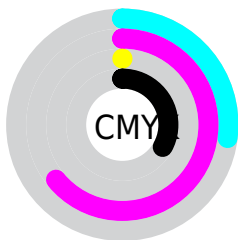
Blue (67%)



Red (49%)

Yellow (24%)

Blue (67%)

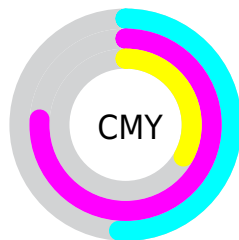


Cyan (27%)

Magenta (64%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (76%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3770, 38.7611, 27.7334 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 93.3770, 38.7611, 27.7334 by changing the saturation by 10% instead.

93.3770, 38.7611,
27.7334

93.3770, 38.7611,
27.7334

255.0000, 0.0000,
0.0000

66.9640, 38.4717,
27.2186

146.4420, 40.2081,
30.3074

38.3170, 39.7767,
28.6630

173.7410, 40.0607,
30.9221

23.7580, 34.1363,
17.7522

198.5600, 27.8249,
35.4659

13.8460, 27.1909,
5.3971

219.7800, 17.3635,
30.8879

7.0050, 19.2245,
-6.1434

236.2160, 9.2605,
16.4736

3.3230, 10.1938,
-2.9143

253.2390, 0.8682,

0.0000, 0.0000,

1.5444

0.0000

■ 93.3770, 38.7611,
27.7334

■ 93.3770, 38.7611,
27.7334

■ 81.3050, 44.7126,
32.1815

■ 105.4490, 32.8096,
23.2852

■ 68.9340, 50.8115,
36.0149

■ 117.8200, 26.7107,
19.4519

■ 56.2750, 57.0524,
40.9778

■ 130.4790, 20.4699,
14.4889

■ 49.2090, 60.5360,
43.6667

■ 142.5510, 14.5184,
10.0408

■ 154.9220, 8.4195,
6.2074

■ 166.9940, 2.4680,
1.7593

■ 179.0660, -3.4835,
-2.6889

■ 192.0240, -9.8718,
-7.0370

■ 204.0960,
-15.8233, -11.4852

Harmonies

Analogous

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



76.2170, 61.0250, -66.8423



93.3770, 38.7611, 27.7334



75.7280, 23.3051, 85.3075

Triad

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



93.3770, 38.7611, 27.7334



87.0370, -42.9092, 42.9406



80.9570, 18.2622, -70.9993

Complementary

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



93.3770, 38.7611, 27.7334



140.6230, -38.7611, -27.7334

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.



73.1710, -6.4933, -64.1710



93.3770, 38.7611, 27.7334



84.1370, -41.4795, 4.2649

Square

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



93.3770, 38.7611, 27.7334



80.7870, -33.4190, 79.1168



63.9830, -31.5436, -56.1131



86.1840, 40.8283, -75.5834

Rectangle

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



93.3770, 38.7611, 27.7334



65.2330, 10.7311, 105.0357



63.9830, -31.5436, -56.1131



78.7910, 9.9630, -69.0997

Sweetspot

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



93.3770, 38.7611, 27.7334



193.9640, 14.8077, 10.5556



102.7160, 34.1570, -35.7079



93.4490, 9.1456, 6.6222



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



93.3770, 38.7611, 27.7334



101.2090, 60.5360, 43.6667



106.6320, 28.7754, 57.3277



80.5210, 3.1941, 2.1741



42.8140, 52.8427, 37.8741



6.5090, 8.1301, 5.6926

Inverse Universe

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



100.2480, 4.3147, 62.9265



111.7500, 6.5323, 98.4433



127.3680, -28.7754, -57.3277



81.1470, 0.4205, 5.1331



52.1460, 5.8440, 85.8180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 93.3770, 38.7611, 27.7334 looks on a white background.

Color Contrast Check

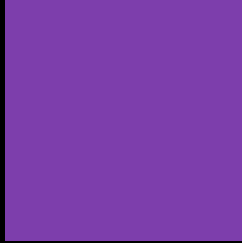
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.3770, 38.7611, 27.7334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

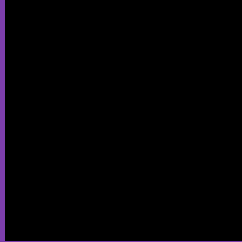
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3770, 38.7611, 27.7334

Background



This preview shows how black text looks on a background with the YUV color 93.3770, 38.7611, 27.7334.



This preview shows how white text looks on a background with the YUV color 93.3770, 38.7611,

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

93.3770, 38.7611, 27.7334

Protanopia

73.9030, 57.2358, -64.8129

Deuteranopia

80.6800, 42.0628, -51.4624



Tritanopia

94.1590, -1.0644, 14.7696

Trichromacy



Original Color

93.3770, 38.7611, 27.7334



Protanomaly

80.6900, 50.4388, -31.3001



Deuteranomaly

84.9270, 40.9550, -22.7380



Tritanomaly

93.6770, 13.4702, 19.5773

Monochromacy



Original Color

93.3770, 38.7611, 27.7334



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

93.4370, 14.0816, 10.1408

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3770, 38.7611, 27.7334 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(125, 62, 172)` looks like.

```
.text, #text, p{  
    color:rgb(125, 62, 172)  
}
```

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(125, 62, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 62, 172) }
```

Border

The CSS property to change the border of an element to YUV 93.3770, 38.7611, 27.7334 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(125, 62, 172) }
```


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

```
.border{ border-color:rgb(125, 62, 172) }
```

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

Here you see how a box with a 4 pixel rgb(125, 62, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 62, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 62, 172);  
box-shadow:4px 4px 4px 4px rgb(125, 62,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 93.3770, 38.7611, 27.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 62, 172) }
```

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

```
.background{ background-color: rgb(125, 62,  
172) }
```

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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