

Converting Colors

YUV(77.7090, 1.6225, 39.7202)

Have a look what the booklet for
YUV(77.7090, 1.6225, 39.7202)
contains.

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Color

**YUV(77.7090, 1.6225,
39.7202)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3651
RGB	123, 54, 81
RGB Percent	48%, 21%, 32%
CMY	0.5176, 0.7882, 0.6824
CMYK	0.00, 0.56, 0.34, 0.52
HSL	337°, 39%, 35%
HSV	337°, 56%, 48%
XYZ	10.9727, 7.4434, 8.6430
YIQ	77.7090, 32.4570, 23.0250

Conversions

Conversions Part 2

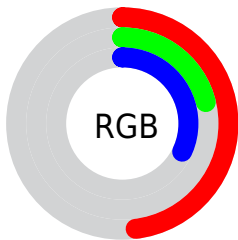
Format	Color
R_{YB}	123, 54, 81
Decimal	8074833
CIE _{Lab}	32.80, 33.13, -1.82
CIE _{LCh}	33, 33.185, 356.851
Yxy	7.4434, 0.4055, 0.2751
Android (android.graphics.Color)	4286264913 (0xFF7B3651)
YUV	77.7090, 1.6225, 39.7202
Hunter-Lab	27.2825, 24.0464, 0.3150

Details

The YUV color **77.7090, 1.6225, 39.7202** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **99.2910, -1.6225, -39.7202**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0900, 0.4486, 42.8941**, and **27.2080, 4.8275, 38.4056** is the 20% darker color. If you saturate the color by 10%, you get **69.8670, 2.0376, 46.5976**, and if you desaturate by 10%, it is **85.5510, 1.2074, 32.8428**.

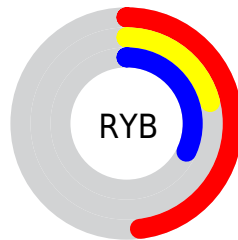
Distribution



Red (48%)

Green (21%)

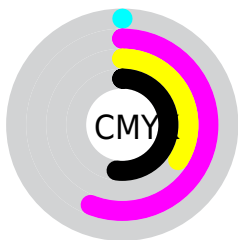
Blue (32%)



Red (48%)

Yellow (21%)

Blue (32%)

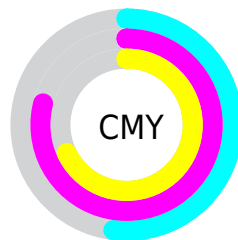


Cyan (0%)

Magenta (56%)

Yellow (34%)

Black (52%)



Cyan (52%)

Magenta (79%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7090, 1.6225, 39.7202 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 77.7090, 1.6225, 39.7202 by changing the saturation by 10% instead.

■ 77.7090, 1.6225,
39.7202

■ 77.7090, 1.6225,
39.7202

■ 255.0000, 0.0000,
0.0000

■ 53.2250, 2.3541,
38.3907

■ 129.0900, 0.4486,
42.8941

■ 27.2080, 4.8275,
38.4056

■ 155.1010, 0.4432,
44.6384

■ 16.0620, -0.5236,
28.0096

■ 182.6990, 0.1484,
45.8680

■ 1.4950, -0.7370,
3.0739

■ 207.7200, 1.6170,
41.4646

■ 0.0000, 0.0000,
0.0000

■ 227.3480, 5.7444,
24.2508

■ 246.1950, 4.3409,

7.7220

■ 77.7090, 1.6225,
39.7202

■ 77.7090, 1.6225,
39.7202

■ 69.8670, 2.0376,
46.5976

■ 85.5510, 1.2074,
32.8428

■ 61.3240, 2.3053,
54.0899

■ 94.0940, 0.9397,
25.3506

■ 53.4820, 2.7204,
60.9673

■ 101.9360, 0.5246,
18.4731

■ 45.5260, 2.6987,
67.9447

■ 109.8920, 0.5462,
11.4957

■ 42.2490, 2.8352,
70.8186

■ 118.3210, -0.1583,
4.1035

■ 126.2770, -0.1366,
-2.8739

■ 134.1190, -0.5517,
-9.7514

■ 142.0750, -0.5300,
-16.7288

■ 150.5040, -1.2345,
-24.1210

Harmonies

Analogous

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



79.8840, 12.8752, 23.7807



77.7090, 1.6225, 39.7202



76.5170, -10.6079, 42.5196

Triad

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



77.7090, 1.6225, 39.7202



72.2450, -21.8128, -3.7229



64.7490, 27.2387, -56.7849

Complementary

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



77.7090, 1.6225, 39.7202



99.2910, -1.6225, -39.7202

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.



64.2300, 17.6346, -56.3297



77.7090, 1.6225, 39.7202



66.5930, -9.6593, -28.5841

Square

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



77.7090, 1.6225, 39.7202



74.6390, -25.9510, 16.9796



61.1520, 5.8411, -53.6303



62.2530, 32.9063, -54.5959

Rectangle

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



77.7090, 1.6225, 39.7202



76.2360, -17.8643, 36.6270



61.1520, 5.8411, -53.6303



64.7660, 24.7654, -56.7998

Sweetspot

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



77.7090, 1.6225, 39.7202



142.6260, 0.6774, 16.1140



74.1250, 24.0954, 18.3074



70.8810, 0.5517, 9.7514



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.



77.7090, 1.6225, 39.7202



90.0800, 2.4256, 62.1968



78.7400, -12.1968, 38.8160



57.0220, -0.0108, 3.4887



42.9610, 2.9772, 71.9482



86.6340, 6.0964, 145.0260

Inverse Universe

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



77.7090, 1.6225, 39.7202



90.0800, 2.4256, 62.1968



98.2600, 12.1968, -38.8160



57.0220, -0.0108, 3.4887



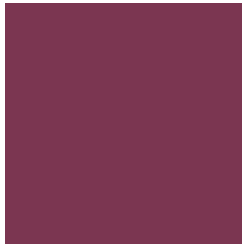
42.9610, 2.9772, 71.9482



86.6340, 6.0964, 145.0260

Previews

White Background



This preview shows how the YUV color 77.7090, 1.6225, 39.7202 looks on a white background.

Color Contrast Check

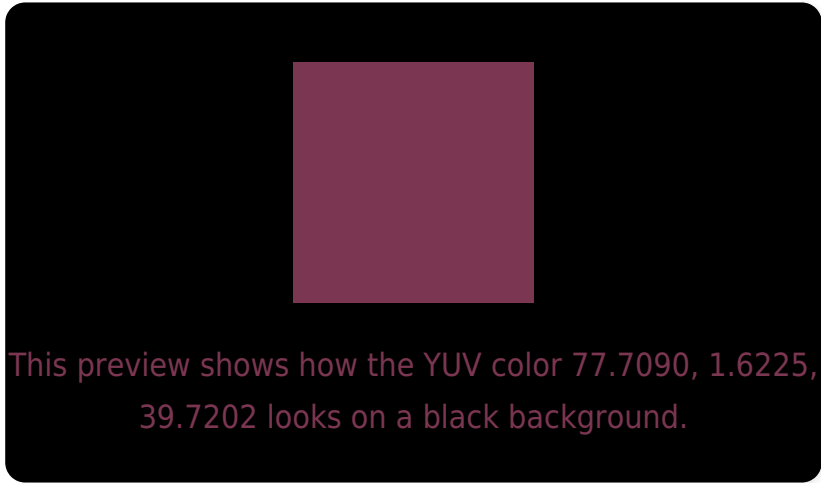
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.7090, 1.6225, 39.7202

Background



This preview shows how black text looks on a background with the YUV color 77.7090, 1.6225, 39.7202.



This preview shows how white text looks on a background with the YUV color 77.7090, 1.6225,

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

77.7090, 1.6225, 39.7202

Protanopia

78.2690, 8.7414, -3.7439

Deuteranopia

78.3320, -0.1637, 5.8478



Tritanopia

77.2930, -7.5394, 38.3310

Trichromacy



Original Color

77.7090, 1.6225, 39.7202

Protanomaly

78.3850, 6.2192, 11.9404

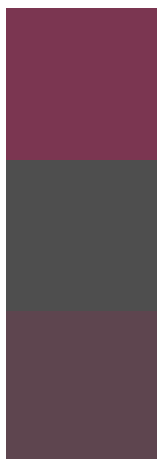
Deuteranomaly

77.9360, 0.5246, 18.4731

Tritanomaly

77.8030, -4.3399, 38.7608

Monochromacy



Original Color

77.7090, 1.6225, 39.7202

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.6150, 0.6828, 14.3696

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7090, 1.6225, 39.7202 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, 54, 81)` looks like.

```
.text, #text, p{  
    color:rgb(123, 54, 81)  
}
```

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, 54, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 54, 81) }
```

Border

The CSS property to change the border of an element to YUV 77.7090, 1.6225, 39.7202 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, 54, 81) }
```


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

```
.border{ border-color:rgb(123, 54, 81) }
```

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

Here you see how a box with a 4 pixel rgb(123, 54, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 54, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 54, 81);  
box-shadow:4px 4px 4px 4px rgb(123, 54,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 77.7090, 1.6225, 39.7202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 54, 81) }
```

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

```
.background{ background-color: rgb(123, 54,  
81) }
```

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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