

Converting Colors

YUV(67.7010, 0.6404, 74.8072)

Have a look what the booklet for
YUV(67.7010, 0.6404, 74.8072)
contains.

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Color

**YUV(67.7010, 0.6404,
74.8072)**

Conversions

Conversions Part 1

Format	Color
Hex	991845
RGB	153, 24, 69
RGB Percent	60%, 9%, 27%
CMY	0.4000, 0.9059, 0.7294
CMYK	0.00, 0.84, 0.55, 0.40
HSL	339°, 73%, 35%
HSV	339°, 84%, 60%
XYZ	14.5377, 7.8552, 6.3802
YIQ	67.7010, 62.4390, 41.3430

Conversions

Conversions Part 2

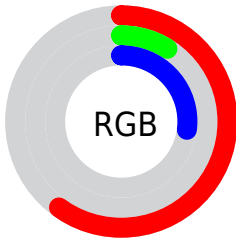
Format	Color
R_{YB}	153, 24, 69
Decimal	10033221
CIE Lab	33.68, 53.26, 7.97
CIE LCh	34, 53.854, 8.513
Yxy	7.8552, 0.5053, 0.2730
Android (android.graphics.Color)	4288223301 (0xFF991845)
YUV	67.7010, 0.6404, 74.8072
Hunter-Lab	28.0272, 43.5401, 6.1221

Details

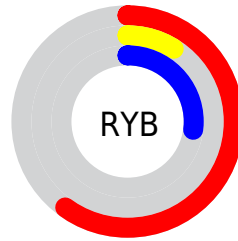
The YUV color **67.7010, 0.6404, 74.8072** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **109.2990, -0.6404, -74.8072**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0340, -4.4538, 75.3922**, and **31.4830, -2.2101, 55.7044** is the 20% darker color. If you saturate the color by 10%, you get **57.7560, 0.6133, 83.5290**, and if you desaturate by 10%, it is **77.6460, 0.6675, 66.0855**.

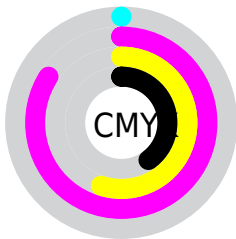
Distribution



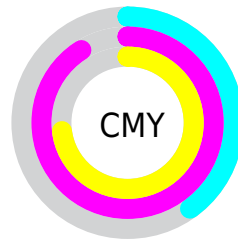
- Red (60%)
- Green (9%)
- Blue (27%)



- Red (60%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (84%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7010, 0.6404, 74.8072 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 67.7010, 0.6404, 74.8072 by changing the saturation by 10% instead.

67.7010, 0.6404,
74.8072

67.7010, 0.6404,
74.8072

255.0000, 0.0000,
0.0000

42.4340, 2.2510,
71.5334

126.0340, -4.4538,
75.3922

31.4830, -2.2101,
55.7044

154.0020, -5.9170,
78.0512

20.4460, -9.5869,
41.7049

177.1040, -3.9953,
68.3148

11.7750, -5.3121,
23.8763

196.6180, -0.3047,
51.2010

0.0000, 0.0000,
0.0000

216.2460, 3.8227,
33.9873

236.4610, 7.6607,

16.2587

254.4130, 0.2894,
0.5148

■ 67.7010, 0.6404,
74.8072

■ 67.7010, 0.6404,
74.8072

■ 57.7560, 0.6133,
83.5290

■ 77.6460, 0.6675,
66.0855

■ 51.7890, 0.5970,
88.7620

■ 88.1780, 0.4052,
56.8489

■ 98.1230, 0.4324,
48.1271

■ 108.0680, 0.4595,
39.4054

■ 118.6000, 0.1972,
30.1688

■ 128.5450, 0.2243,
21.4470

■ 138.4900, 0.2514,
12.7253

■ 148.4350, 0.2785,
4.0035

■ 158.9670, 0.0163,
-5.2331

Harmonies

Analogous

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



75.0480, 17.7243, 55.2089



67.7010, 0.6404, 74.8072



71.7880, -21.5875, 64.2069

Triad

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



67.7010, 0.6404, 74.8072



64.4800, -31.7886, -24.1000



72.1300, 42.8269, -63.2580

Complementary

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



67.7010, 0.6404, 74.8072



109.2990, -0.6404, -74.8072

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.



71.9870, 29.5864, -63.1326



67.7010, 0.6404, 74.8072



61.5960, -7.6888, -54.0197

Square

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



67.7010, 0.6404, 74.8072



73.2610, -36.1177, 11.1721



67.9000, 11.3883, -59.5483



66.3570, 48.6310, -58.1951

Rectangle

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



67.7010, 0.6404, 74.8072



73.2150, -36.0950, 50.6774



67.9000, 11.3883, -59.5483



72.5060, 39.1905, -63.5878

Sweetspot

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



67.7010, 0.6404, 74.8072



166.0020, 0.4920, 28.9392



63.8220, 43.9648, 38.7441



79.8110, 0.0932, 16.8288



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



67.7010, 0.6404, 74.8072



67.3670, 0.8051, 115.4421



73.7240, -24.5139, 69.5251



71.7340, 0.1311, 4.6183



47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Inverse Universe

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



67.7010, 0.6404, 74.8072



67.3670, 0.8051, 115.4421



103.2760, 24.5139, -69.5251



71.7340, 0.1311, 4.6183



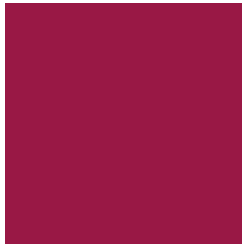
47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 67.7010, 0.6404, 74.8072 looks on a white background.

Color Contrast Check

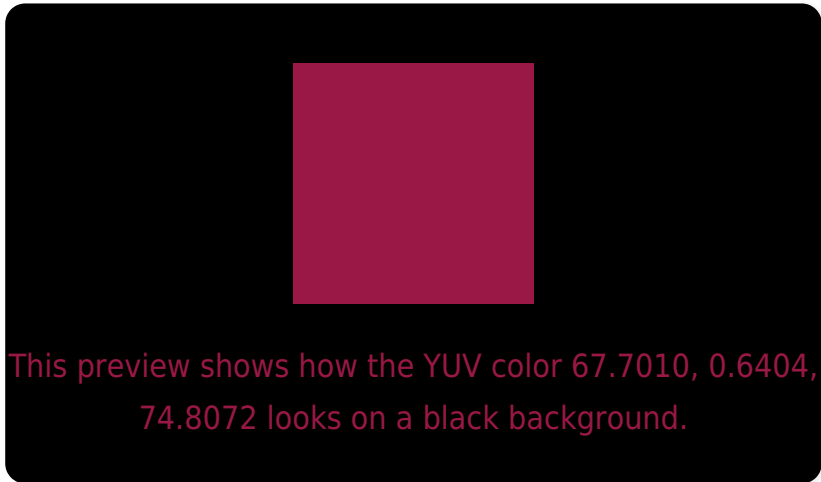
Large Text (above 18pt) WCAG AA ✓ Pass

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

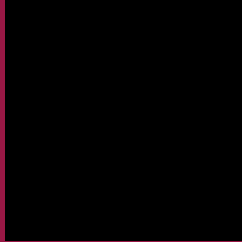
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7010, 0.6404, 74.8072

Background



This preview shows how black text looks on a background with the YUV color 67.7010, 0.6404, 74.8072.



This preview shows how white text looks on a background with the YUV color 67.7010, 0.6404,

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

67.7010, 0.6404, 74.8072

Protanopia

81.3400, 7.7204, -2.9292

Deuteranopia

81.3730, -9.0579, 11.9509



Tritanopia

69.0970, -16.8098, 71.8289

Trichromacy



Original Color

67.7010, 0.6404, 74.8072

Protanomaly

76.5330, 5.1602, 24.9656

Deuteranomaly

76.1400, -5.4920, 34.9572

Tritanomaly

68.4160, -10.5581, 73.3032

Monochromacy



Original Color

67.7010, 0.6404, 74.8072

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8770, 0.0606, 27.2949

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7010, 0.6404, 74.8072 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(153, 24, 69)` looks like.

```
.text, #text, p{  
    color:rgb(153, 24, 69)  
}
```

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(153, 24, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 24, 69) }
```

Border

The CSS property to change the border of an element to YUV 67.7010, 0.6404, 74.8072 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(153, 24, 69) }
```


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

```
.border{ border-color:rgb(153, 24, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 24, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 24, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 24, 69);  
box-shadow:4px 4px 4px 4px rgb(153, 24,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 67.7010, 0.6404, 74.8072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 24, 69) }
```

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

```
.background{ background-color: rgb(153, 24,  
69) }
```

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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