

Converting Colors

YUV(71.7610, -0.3752, 73.8776)

Have a look what the booklet for
YUV(71.7610, -0.3752, 73.8776)
contains.

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Color

**YUV(71.7610, -0.3752,
73.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	9C1D47
RGB	156, 29, 71
RGB Percent	61%, 11%, 28%
CMY	0.3882, 0.8863, 0.7216
CMYK	0.00, 0.81, 0.54, 0.39
HSL	340°, 69%, 36%
HSV	340°, 81%, 61%
XYZ	15.2870, 8.4016, 6.7772
YIQ	71.7610, 62.2100, 39.9860

Conversions

Conversions Part 2

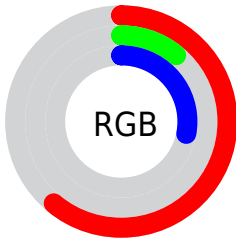
Format	Color
R_{YB}	156, 29, 71
Decimal	10231111
CIE _{Lab}	34.81, 52.92, 8.33
CIE _{LCh}	35, 53.576, 8.950
Yxy	8.4016, 0.5018, 0.2758
Android (android.graphics.Color)	4288421191 (0xFF9C1D47)
YUV	71.7610, -0.3752, 73.8776
Hunter-Lab	28.9855, 43.4166, 6.4271

Details

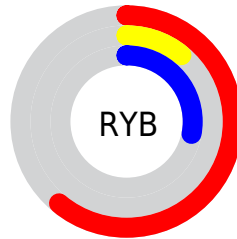
The YUV color **71.7610, -0.3752, 73.8776** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **113.2390, 0.3752, -73.8776**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5070, -5.1800, 74.9774**, and **32.4940, -2.2155, 57.4488** is the 20% darker color. If you saturate the color by 10%, you get **61.2290, -0.1129, 83.1142**, and if you desaturate by 10%, it is **82.2930, -0.6374, 64.6410**.

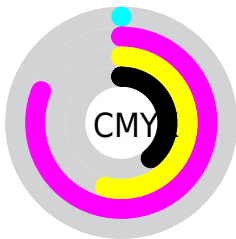
Distribution



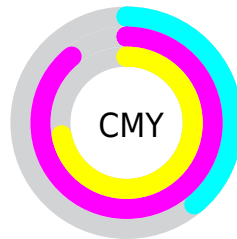
- Red (61%)
- Green (11%)
- Blue (28%)



- Red (61%)
- Yellow (11%)
- Blue (28%)



- Cyan (0%)
- Magenta (81%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.7610, -0.3752, 73.8776 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 71.7610, -0.3752, 73.8776 by changing the saturation by 10% instead.

71.7610, -0.3752,
73.8776

71.7610, -0.3752,
73.8776

255.0000, 0.0000,
0.0000

43.5590, 2.6824,
73.1778

129.5070, -5.1800,
74.9774

32.4940, -2.2155,
57.4488

157.5890, -6.2064,
77.5364

21.2290, -10.4659,
43.6492

179.0930, -3.9898,
66.5704

12.9710, -5.9017,
26.3354

198.6070, -0.2993,
49.4567

0.0000, 0.0000,
0.0000

218.8220, 3.5388,
31.7281

239.1510, 7.8136,

13.8996

■ 71.7610, -0.3752,
73.8776

■ 71.7610, -0.3752,
73.8776

■ 61.2290, -0.1129,
83.1142

■ 82.2930, -0.6374,
64.6410

■ 52.5720, -0.2820,
90.7064

■ 92.3520, -0.1735,
55.8193

■ 102.8840, -0.4358,
46.5827

■ 112.9430, 0.0281,
37.7610

■ 123.4750, -0.2342,
28.5244

■ 134.1210, -0.0597,
19.1879

■ 144.0660, -0.0325,
10.4661

■ 154.7120, 0.1420,
1.1296

■ 164.6570, 0.1691,
-7.5922

Harmonies

Analogous

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



78.5210, 16.9981, 54.7941



71.7610, -0.3752, 73.8776



75.2610, -22.3137, 63.7921

Triad

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



71.7610, -0.3752, 73.8776



67.1380, -33.0990, -23.8000



74.2330, 43.2691, -65.1023

Complementary

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



71.7610, -0.3752, 73.8776



113.2390, 0.3752, -73.8776

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.



74.0900, 30.0286, -64.9769



71.7610, -0.3752, 73.8776



63.6990, -7.2466, -55.8640

Square

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



71.7610, -0.3752, 73.8776



75.6200, -37.2807, 10.8573



70.0030, 11.8305, -61.3926



67.7590, 48.9258, -59.4246

Rectangle

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



71.7610, -0.3752, 73.8776



76.1610, -37.5474, 49.8478



70.0030, 11.8305, -61.3926



74.6090, 39.6328, -65.4321

Sweetspot

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



71.7610, -0.3752, 73.8776



171.4750, -0.2342, 28.5244



68.8930, 42.9438, 39.5588



82.1100, -0.0542, 17.4435



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



71.7610, -0.3752, 73.8776



71.3240, -0.6527, 116.3569



79.3000, -24.7979, 67.2659



73.7340, 0.1311, 4.6183



48.1150, -0.5497, 83.2141



5.0550, -0.0271, 8.7218

Inverse Universe

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



71.7610, -0.3752, 73.8776



71.3240, -0.6527, 116.3569



105.7000, 24.7979, -67.2659



73.7340, 0.1311, 4.6183



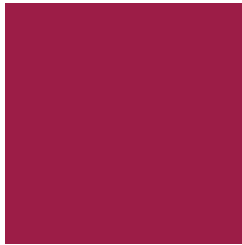
48.1150, -0.5497, 83.2141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 71.7610, -0.3752, 73.8776 looks on a white background.

Color Contrast Check

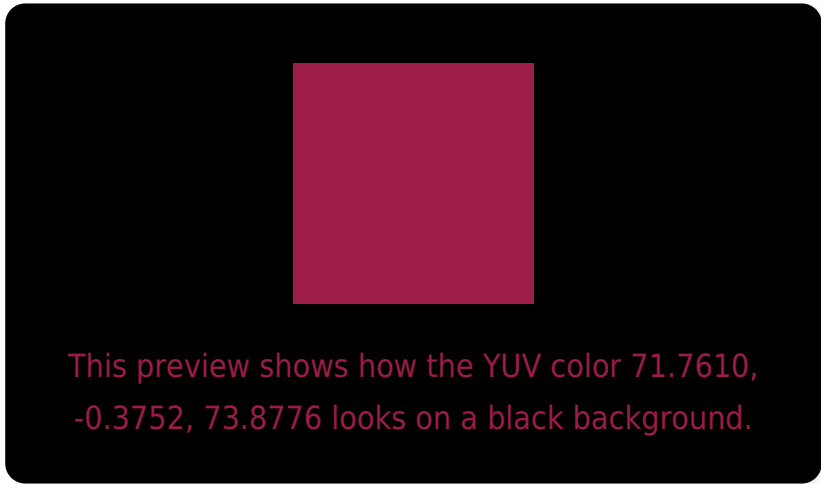
Large Text (above 18pt) WCAG AA ✓ Pass

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

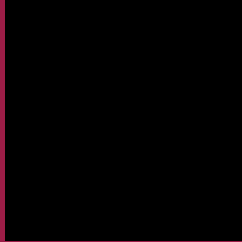
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.7610, -0.3752, 73.8776

Background



This preview shows how black text looks on a background with the YUV color 71.7610, -0.3752, 73.8776.



This preview shows how white text looks on a background with the YUV color 71.7610, -0.3752,

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

71.7610, -0.3752, 73.8776

Protanopia

83.8130, 6.9942, -3.3440

Deuteranopia

83.6720, -9.2053, 12.5657



Tritanopia

73.0970, -16.8098, 71.8289

Trichromacy



Original Color

71.7610, -0.3752, 73.8776

Protanomaly

79.3050, 4.2866, 25.1655

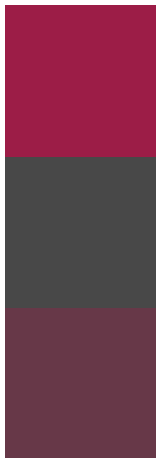
Deuteranomaly

79.0260, -5.9288, 35.0572

Tritanomaly

72.7040, -10.7001, 72.1736

Monochromacy



Original Color

71.7610, -0.3752, 73.8776

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8770, 0.0606, 27.2949

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7610, -0.3752, 73.8776 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(156, 29, 71)` looks like.

```
.text, #text, p{  
    color:rgb(156, 29, 71)  
}
```

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(156, 29, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 29, 71) }
```

Border

The CSS property to change the border of an element to YUV 71.7610, -0.3752, 73.8776 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(156, 29, 71) }
```


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

```
.border{ border-color:rgb(156, 29, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 29, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 29, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 29, 71);  
box-shadow:4px 4px 4px 4px rgb(156, 29,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 71.7610, -0.3752, 73.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 29, 71) }
```

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

```
.background{ background-color: rgb(156, 29,  
71) }
```

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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