

Converting Colors

YUV(83.4480, 7.6671, 60.9971)

Have a look what the booklet for
YUV(83.4480, 7.6671, 60.9971)
contains.

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Color

**YUV(83.4480, 7.6671,
60.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	992D63
RGB	153, 45, 99
RGB Percent	60%, 18%, 39%
CMY	0.4000, 0.8235, 0.6118
CMYK	0.00, 0.71, 0.35, 0.40
HSL	330°, 55%, 39%
HSV	330°, 71%, 60%
XYZ	16.3274, 9.5499, 12.7872
YIQ	83.4480, 47.0340, 39.6900

Conversions

Conversions Part 2

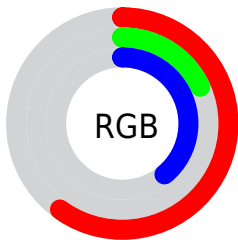
Format	Color
R _{YB}	153, 45, 99
Decimal	10038627
CIE _{Lab}	37.02, 49.40, -6.52
CIE _{LCh}	37, 49.832, 352.477
Yxy	9.5499, 0.4223, 0.2470
Android (android.graphics.Color)	4288228707 (0xFF992D63)
YUV	83.4480, 7.6671, 60.9971
Hunter-Lab	30.9030, 40.2292, -2.9012

Details

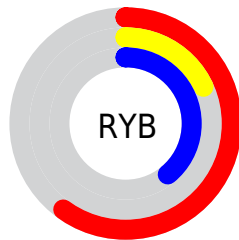
The YUV color **83.4480, 7.6671, 60.9971** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **114.5520, -7.6671, -60.9971**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3020, 5.7671, 63.7561**, and **35.3440, 8.7044, 54.9493** is the 20% darker color. If you saturate the color by 10%, you get **73.7310, 8.5136, 69.5189**, and if you desaturate by 10%, it is **93.1650, 6.8207, 52.4753**.

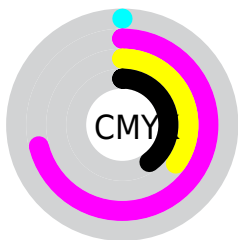
Distribution



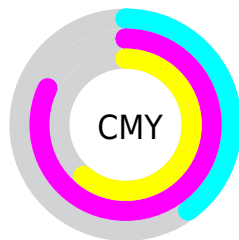
- Red (60%)
- Green (18%)
- Blue (39%)



- Red (60%)
- Yellow (18%)
- Blue (39%)



- Cyan (0%)
- Magenta (71%)
- Yellow (35%)
- Black (40%)




- Cyan (40%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.4480, 7.6671, 60.9971 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 83.4480, 7.6671, 60.9971 by changing the saturation by 10% instead.

 83.4480, 7.6671,
60.9971


 83.4480, 7.6671,
60.9971

255.0000, 0.0000,
0.0000


 52.3820, 11.1507,
63.6860


 138.3020, 5.7671,
63.7561

 35.3440, 8.7044,
54.9493

 165.7860, 5.0355,
65.0857


 24.7630, 3.0748,
40.5498

 189.3120, 7.2412,
57.6084

 14.6230, -4.7441,
28.3946

 208.9400, 11.3686,
40.3946

 0.0000, 0.0000,
0.0000

 228.5850, 13.0226,
23.1660

 245.6080, 4.6303,

■ 83.4480, 7.6671,
60.9971

■ 83.4480, 7.6671,
60.9971

■ 73.7310, 8.5136,
69.5189

■ 93.1650, 6.8207,
52.4753

■ 63.5410, 10.0863,
78.4555

■ 103.3550, 5.2480,
43.5387

■ 54.5250, 11.0802,
86.3626

■ 113.0720, 4.4015,
35.0169

■ 122.7890, 3.5550,
26.4950

■ 132.9790, 1.9824,
17.5584

■ 142.6960, 1.1359,
9.0366

■ 152.4130, 0.2894,
0.5148

■ 162.0160, -0.9939,
-7.9070

■ 172.3200, -2.1298,
-16.9436

Harmonies

Analogous

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



89.3870, 23.4732, 31.2326



83.4480, 7.6671, 60.9971



81.2580, -10.9732, 66.4257

Triad

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



83.4480, 7.6671, 60.9971



78.2010, -38.5531, -1.0533



77.5610, 35.7124, -68.0210

Complementary

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



83.4480, 7.6671, 60.9971



114.5520, -7.6671, -60.9971

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.



74.9730, 20.7193, -65.7513



83.4480, 7.6671, 60.9971



67.0500, -16.2936, -47.4018

Square

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



83.4480, 7.6671, 60.9971



82.2200, -40.5345, 27.8711



70.1850, 2.3738, -61.5522



74.8030, 45.4531, -65.6022

Rectangle

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



83.4480, 7.6671, 60.9971



82.4730, -23.8972, 58.3442



70.1850, 2.3738, -61.5522



77.1220, 31.4919, -67.6360

Sweetspot

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



83.4480, 7.6671, 60.9971



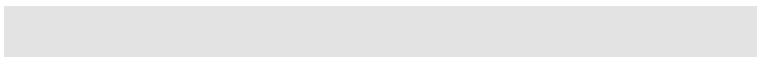
171.9520, 2.9817, 23.7211



73.4580, 39.2142, 22.4003



83.5440, 1.7038, 13.5549



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.



83.4480, 7.6671, 60.9971



90.1070, 11.7792, 95.4992



77.2920, -15.9200, 66.3959



71.8480, 0.5679, 4.5183



49.8400, 9.9389, 79.0703



4.5710, 0.7045, 7.3922

Inverse Universe

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



83.4480, 7.6671, 60.9971



90.1070, 11.7792, 95.4992



120.7080, 15.9200, -66.3959



71.8480, 0.5679, 4.5183



49.8400, 9.9389, 79.0703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 83.4480, 7.6671, 60.9971 looks on a white background.

Color Contrast Check

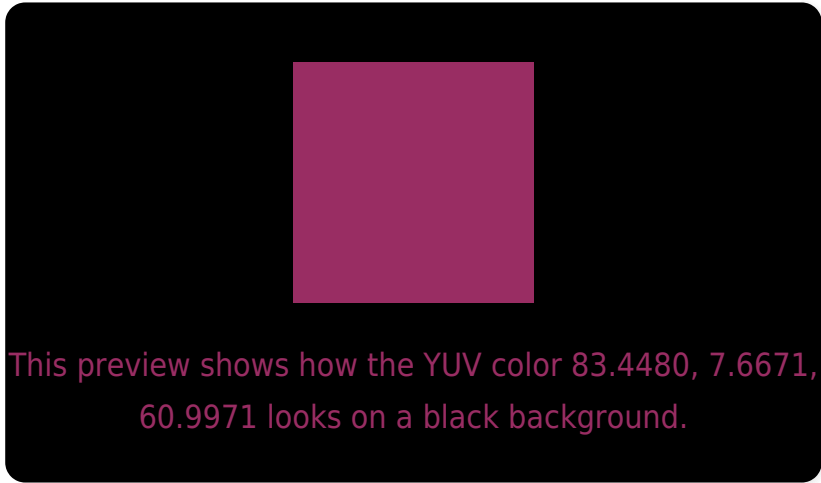
Large Text (above 18pt) WCAG AA ✓ Pass

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

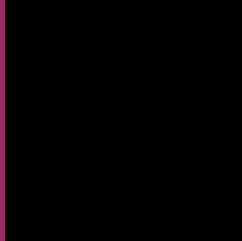
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4480, 7.6671, 60.9971

Background



This preview shows how black text looks on a background with the YUV color 83.4480, 7.6671, 60.9971.



This preview shows how white text looks on a background with the YUV color 83.4480, 7.6671, 60.9971.

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

83.4480, 7.6671, 60.9971

Protanopia

87.9720, 19.2408, -11.3764

Deuteranopia

89.1900, 1.8783, 4.2184



Tritanopia

83.8610, -12.2565, 58.0039

Trichromacy



Original Color

83.4480, 7.6671, 60.9971

Protanomaly

86.3990, 15.0863, 14.5591

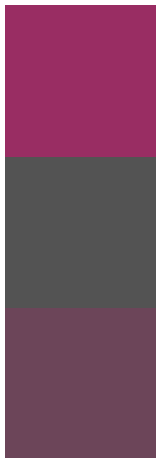
Deuteranomaly

86.8920, 3.9972, 24.6507

Tritanomaly

83.5220, -4.6943, 59.1782

Monochromacy



Original Color

83.4480, 7.6671, 60.9971

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9410, 2.9871, 21.9767

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4480, 7.6671, 60.9971 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, 45, 99)` looks like.

```
.text, #text, p{  
    color:rgb(153, 45, 99)  
}
```

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, 45, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 45, 99) }
```

Border

The CSS property to change the border of an element to YUV 83.4480, 7.6671, 60.9971 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, 45, 99) }
```


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

```
.border{ border-color:rgb(153, 45, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 45, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 45, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 45, 99);  
box-shadow:4px 4px 4px 4px rgb(153, 45,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 83.4480, 7.6671, 60.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 45, 99) }
```

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

```
.background{ background-color: rgb(153, 45,  
99) }
```

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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