

# Converting Colors

YUV(72.0450, 39.4178, 97.3075)

Have a look what the booklet for  
YUV(72.0450, 39.4178, 97.3075)  
contains.

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# Color

**YUV(72.0450, 39.4178,  
97.3075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B70098</a>
RGB	<a href="#">183, 0, 152</a>
RGB Percent	<a href="#">72%, 0%, 60%</a>
CMY	<a href="#">0.2824, 1.0000, 0.4039</a>
CMYK	<a href="#">0.00, 1.00, 0.17, 0.28</a>
HSL	<a href="#">310°, 100%, 36%</a>
HSV	<a href="#">310°, 100%, 72%</a>
XYZ	<a href="#">25.1959, 12.3343, 30.7585</a>
YIQ	<a href="#">72.0450, 60.2760, 86.0680</a>

# Conversions

## Conversions Part 2

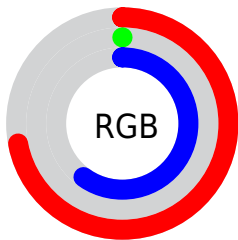
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 0, 152
Decimal	11993240
CIE <sub>Lab</sub>	41.74, 72.30, -31.67
CIE <sub>LCh</sub>	42, 78.937, 336.344
Yxy	12.3343, 0.3690, 0.1806
Android (android.graphics.Color)	4290183320 (0xFFB70098)
YUV	72.0450, 39.4178, 97.3075
Hunter-Lab	35.1202, 66.5992, -27.3425

# Details

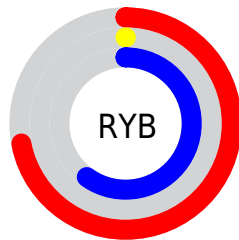
The YUV color **72.0450, 39.4178, 97.3075** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **110.9550, -39.4178, -97.3075**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7370, 29.7097, 84.4227**, and **48.7750, 25.2539, 66.8493** is the 20% darker color. If you saturate the color by 10%, you get **72.0450, 39.4178, 97.3075**, and if you desaturate by 10%, it is **82.9530, 35.5192, 87.7412**.

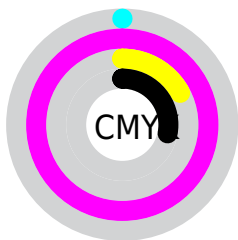
# Distribution



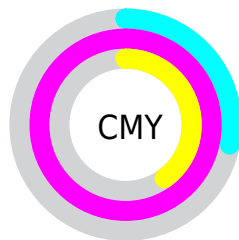
- Red (72%)
- Green (0%)
- Blue (60%)



- Red (72%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (28%)




- Cyan (28%)
- Magenta (100%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 72.0450, 39.4178, 97.3075 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 72.0450, 39.4178, 97.3075 by changing the saturation by 10% instead.





 72.0450, 39.4178,  
97.3075

 72.0450, 39.4178,  
97.3075


255.0000, 0.0000,  
0.0000

 60.4100, 32.3359,  
82.0784


 146.7370, 29.7097,  
84.4227


 48.7750, 25.2539,  
66.8493


 170.5400, 31.7788,  
74.0714


 37.6670, 18.8982,  
52.0350

 190.4300, 31.8330,  
56.6279

 26.9720, 12.8318,  
37.7356

 207.4530, 23.4407,  
41.6987

 16.0920, 7.3496,  
22.7213

 224.4760, 15.0483,  
26.7695

 0.0000, 0.0000,  
0.0000

 242.0860, 6.3666,

11.3256

■ 72.0450, 39.4178,  
97.3075

■ 82.9530, 35.5192,  
87.7412

■ 94.4480, 31.3311,  
77.6601

■ 105.3560, 27.4325,  
68.0938

■ 116.2640, 23.5338,  
58.5275

■ 127.8730, 19.7826,  
48.3464

■ 138.7810, 15.8840,  
38.7801

■ 149.6890, 11.9853,  
29.2137

■ 160.5970, 8.0867,  
19.6474

■ 172.0920, 3.8986,  
9.5663

# Harmonies

## Analogous

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



98.2250, 52.6401, 9.4497



72.0450, 39.4178, 97.3075



71.9250, 7.9250, 118.4608

# Triad

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



72.0450, 39.4178, 97.3075



91.8780, -45.2959, 15.0160



92.7380, 40.5552, -81.3312

# Complementary

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



72.0450, 39.4178, 97.3075



110.9550, -39.4178, -97.3075

# 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.



85.4420, 12.6001, -74.9326



72.0450, 39.4178, 97.3075



75.5780, -37.2600, -42.6029

# Square

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



72.0450, 39.4178, 97.3075



91.5770, -45.1475, 60.8840



75.7010, -17.1076, -66.3898



94.8190, 61.2212, -83.1563



# Rectangle

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



72.0450, 39.4178, 97.3075



65.9410, -9.8309, 120.2007



75.7010, -17.1076, -66.3898



91.0450, 31.5298, -79.8465

# Sweetspot

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



72.0450, 39.4178, 97.3075



193.9550, 15.3052, 37.7505



29.8320, 75.5118, 0.1473



93.9610, 9.3862, 22.8362



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



72.0450, 39.4178, 97.3075



93.3210, 51.1137, 126.0065



61.6710, -0.3308, 106.4055



86.4890, 1.7309, 4.8331



61.3500, 33.3514, 83.0081



10.9940, 5.9190, 14.9143



# Inverse Universe

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



72.0450, 39.4178, 97.3075



93.3210, 51.1137, 126.0065



121.3290, 0.3308, -106.4055



86.4890, 1.7309, 4.8331



61.3500, 33.3514, 83.0081



10.9940, 5.9190, 14.9143



# Previews

## White Background



This preview shows how the YUV color 72.0450, 39.4178, 97.3075 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

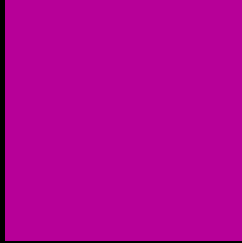
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 72.0450, 39.4178, 97.3075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

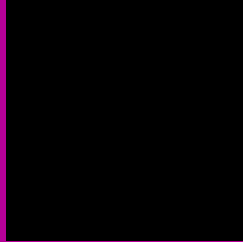
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 72.0450, 39.4178, 97.3075

## Background



This preview shows how black text looks on a background with the YUV color 72.0450, 39.4178, 97.3075.



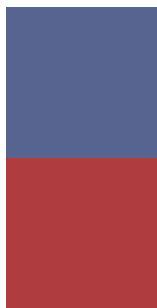
This preview shows how white text looks on a background with the YUV color 72.0450, 39.4178,



# 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



### Deuteranopia

100.7160, 20.8460, -12.9059

### Tritanopia

94.7270, -15.6414, 70.3994

# Trichromacy



## Deuteranomaly

90.3910, 27.4152, 26.8441

## Tritanomaly

86.3580, 4.2605, 80.3700

# Monochromacy



## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

72.0040, 14.2950, 35.0765

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.0450, 39.4178, 97.3075 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(183, 0, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 0, 152)  
}
```

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(183, 0, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 0, 152) }
```

## Border

The CSS property to change the border of an element to YUV 72.0450, 39.4178, 97.3075 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(183, 0, 152) }
```

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

```
.border{ border-color:rgb(183, 0, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 0, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 0, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 0, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 0,  
152) }
```



# Background

The CSS property to change the background color of an element to YUV 72.0450, 39.4178, 97.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 0, 152) }
```

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

```
.background{ background-color: rgb(183, 0,  
152) }
```

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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