

Converting Colors

YUV(77.1450, 51.2005, 98.0968)

Have a look what the booklet for
YUV(77.1450, 51.2005, 98.0968)
contains.

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Color

**YUV(77.1450, 51.2005,
98.0968)**

Conversions

Conversions Part 1

Format	Color
Hex	BD00B5
RGB	189, 0, 181
RGB Percent	74%, 0%, 71%
CMY	0.2588, 1.0000, 0.2902
CMYK	0.00, 1.00, 0.04, 0.26
HSL	303°, 100%, 37%
HSV	303°, 100%, 74%
XYZ	29.3268, 14.1550, 44.9026
YIQ	77.1450, 54.5430, 96.3590

Conversions

Conversions Part 2

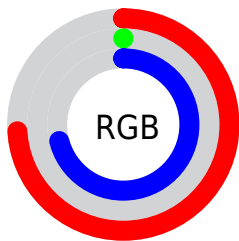
Format	Color
R_{YB}	189, 0, 181
Decimal	12386485
CIE _{Lab}	44.45, 77.29, -44.64
CIE _{LCh}	44, 89.251, 329.992
Yxy	14.1550, 0.3318, 0.1602
Android (android.graphics.Color)	4290576565 (0xFFBD00B5)
YUV	77.1450, 51.2005, 98.0968
Hunter-Lab	37.6231, 73.2979, -44.4254

Details

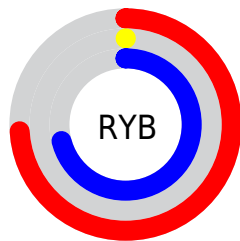
The YUV color **77.1450, 51.2005, 98.0968** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **111.8550, -51.2005, -98.0968**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8260, 41.4978, 83.4676**, and **53.6470, 36.1630, 67.8386** is the 20% darker color. If you saturate the color by 10%, you get **77.1450, 51.2005, 98.0968**, and if you desaturate by 10%, it is **88.4120, 46.1389, 88.2157**.

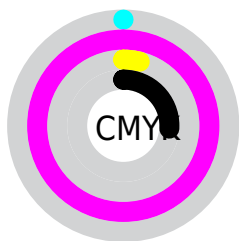
Distribution



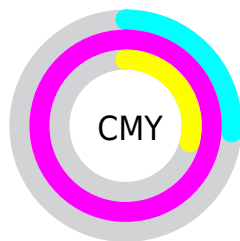
- Red (74%)
- Green (0%)
- Blue (71%)



- Red (74%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (26%)




- Cyan (26%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.1450, 51.2005, 98.0968 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 77.1450, 51.2005, 98.0968 by changing the saturation by 10% instead.


 77.1450, 51.2005,
98.0968


 77.1450, 51.2005,
98.0968


255.0000, 0.0000,
0.0000


 65.3960, 43.6818,
82.9677


 153.8260, 41.4978,
83.4676


 53.6470, 36.1630,
67.8386


 175.1680, 39.3572,
70.0127


 42.1260, 29.5179,
52.5095


 192.1910, 30.9648,
55.0835

 30.9040, 22.7253,
37.7952

 209.8010, 22.2831,
39.6395

 20.0950, 16.2222,
23.5957

 227.4110, 13.6014,
24.1956

 5.3280, 12.6563,
0.5893

 245.0210, 4.9196,

 0.1140, 0.4368,

8.7516

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 77.1450, 51.2005,
98.0968

■ 88.4120, 46.1389,
88.2157

■ 99.6790, 41.0773,
78.3345

■ 110.8320, 35.5788,
68.5533

■ 122.0990, 30.5172,
58.6722

■ 133.3660, 25.4556,
48.7910

■ 144.0460, 20.6833,
39.4247

■ 155.3130, 15.6217,
29.5435

■ 166.4660, 10.1233,
19.7623

■ 177.7330, 5.0616,
9.8812

Harmonies

Analogous

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



100.2350, 67.4251, -19.5001



77.1450, 51.2005, 98.0968



80.0000, 14.2970, 128.0420

Triad

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



77.1450, 51.2005, 98.0968



99.0320, -48.8228, 26.2819



99.0640, 39.4084, -86.8791

Complementary

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



77.1450, 51.2005, 98.0968



111.8550, -51.2005, -98.0968

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.



89.8130, 6.5012, -78.7660



77.1450, 51.2005, 98.0968



85.6780, -42.2393, -32.1666

Square

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



77.1450, 51.2005, 98.0968



94.6440, -46.6595, 79.2422



77.2050, -31.6531, -67.7088



103.8010, 65.1741, -91.0335

Rectangle

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



77.1450, 51.2005, 98.0968



74.5280, -6.6693, 132.8409



77.2050, -31.6531, -67.7088



96.2140, 28.4885, -84.3797

Sweetspot

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



77.1450, 51.2005, 98.0968



201.2200, 20.1045, 38.3951



23.3400, 81.6704, -15.2072



96.0580, 12.2964, 22.7511



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



77.1450, 51.2005, 98.0968



99.9310, 66.0960, 127.2255



66.5430, 10.5783, 107.3948



88.7170, 2.6045, 4.6332



64.4560, 42.6662, 82.0381



12.5750, 8.0975, 16.1587

Inverse Universe

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



77.1450, 51.2005, 98.0968



99.9310, 66.0960, 127.2255



122.4570, -10.5783, -107.3948



88.7170, 2.6045, 4.6332



64.4560, 42.6662, 82.0381



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 77.1450, 51.2005, 98.0968 looks on a white background.

Color Contrast Check

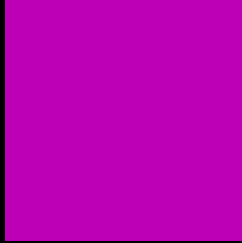
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.1450, 51.2005, 98.0968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

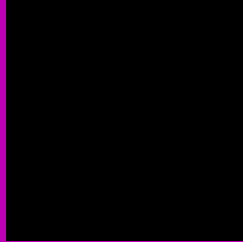
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1450, 51.2005, 98.0968

Background



This preview shows how black text looks on a background with the YUV color 77.1450, 51.2005, 98.0968.



This preview shows how white text looks on a background with the YUV color 77.1450, 51.2005,

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



Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

103.7170, 32.6775, -27.8158

Tritanopia

103.5630, -13.5886, 65.2812

Trichromacy



Protanomaly

82.7430, 60.2727, -12.0526

Deuteranomaly

94.1370, 39.3725, 18.2969

Tritanomaly

93.8290, 9.9443, 77.3260

Monochromacy



Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1550, 18.6576, 35.8211

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1450, 51.2005, 98.0968 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(189, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 181)  
}
```

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(189, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 181) }
```

Border

The CSS property to change the border of an element to YUV 77.1450, 51.2005, 98.0968 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(189, 0, 181) }
```

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

```
.border{ border-color:rgb(189, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
181) }
```


Background

The CSS property to change the background color of an element to YUV 77.1450, 51.2005, 98.0968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 181) }
```

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

```
.background{ background-color: rgb(189, 0,  
181) }
```

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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