

Converting Colors

YUV(101.4030, 16.0703,
72.4376)

Have a look what the booklet for
YUV(101.4030, 16.0703, 72.4376)
contains.

YUV(101.4030, 16.0703, 72.4376)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.4030, 16.0703,
72.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	B83586
RGB	184, 53, 134
RGB Percent	72%, 21%, 53%
CMY	0.2784, 0.7922, 0.4745
CMYK	0.00, 0.71, 0.27, 0.28
HSL	323°, 55%, 46%
HSV	323°, 71%, 72%
XYZ	25.3433, 14.4578, 24.0091
YIQ	101.4030, 52.0750, 52.9630

Conversions

Conversions Part 2

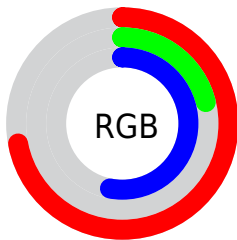
Format	Color
RYB	184, 53, 134
Decimal	12072326
CIELab	44.88, 59.39, -15.86
CIElCh	45, 61.476, 345.051
Yxy	14.4578, 0.3972, 0.2266
Android (android.graphics.Color)	4290262406 (0xFFB83586)
YUV	101.4030, 16.0703, 72.4376
Hunter-Lab	38.0234, 52.4328, -10.8212

Details

The YUV color **101.4030, 16.0703, 72.4376** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **135.5970, -16.0703, -72.4376**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5450, 14.0283, 74.0670**, and **47.5490, 17.9703, 69.6785** is the 20% darker color. If you saturate the color by 10%, you get **90.0390, 18.2218, 82.4038**, and if you desaturate by 10%, it is **112.7670, 13.9189, 62.4713**.

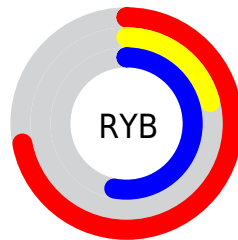
Distribution



Red (72%)

Green (21%)

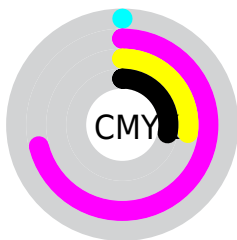
Blue (53%)



Red (72%)

Yellow (21%)

Blue (53%)

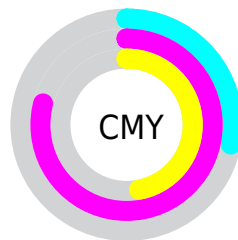


Cyan (0%)

Magenta (71%)

Yellow (27%)

Black (28%)



Cyan (28%)


Magenta (79%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.4030, 16.0703, 72.4376 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 101.4030, 16.0703, 72.4376 by changing the saturation by 10% instead.


 101.4030, 16.0703,
72.4376


 101.4030, 16.0703,
72.4376


255.0000, 0.0000,
0.0000


 68.1630, 20.1326,
76.1560

 158.5450, 14.0283,
74.0670


 47.5490, 17.9703,
69.6785


 181.7610, 16.3868,
64.2306


 36.5550, 12.0514,
54.7643

 201.5030, 20.9510,
46.9169

 25.9740, 6.4218,
40.3648

 219.7800, 17.3635,
30.8879

 15.6920, 0.6448,
26.5801

 236.8030, 8.9711,
15.9588

 0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 101.4030, 16.0703,
72.4376

■ 101.4030, 16.0703,
72.4376

■ 90.0390, 18.2218,
82.4038

■ 112.7670, 13.9189,
62.4713

■ 78.0880, 20.6626,
92.8848

■ 124.7180, 11.4780,
51.9903

■ 68.0120, 22.6721,
101.7215

■ 136.0820, 9.3266,
42.0241

■ 148.0330, 6.8857,
31.5431

■ 159.3970, 4.7343,
21.5768

■ 170.7610, 2.5828,
11.6106

■ 182.7120, 0.1420,
1.1296

■ 194.0760, -2.0095,
-8.8367

■ 206.0270, -4.4503,
-19.3177

Harmonies

Analogous

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



108.6390, 34.6880, 27.5036



101.4030, 16.0703, 72.4376



96.2420, -6.5283, 87.4878

Triad

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



101.4030, 16.0703, 72.4376



97.1390, -47.8895, 6.8941



94.8410, 40.9974, -83.1756

Complementary

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



101.4030, 16.0703, 72.4376



135.5970, -16.0703, -72.4376

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.



90.6570, 19.8891, -79.5062



101.4030, 16.0703, 72.4376



85.8970, -31.0082, -41.1287

Square

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



101.4030, 16.0703, 72.4376



99.7290, -49.1664, 43.2107



83.4410, -2.6824, -73.1778



93.3370, 55.5429, -81.8565

Rectangle

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



101.4030, 16.0703, 72.4376



98.6050, -23.9623, 79.2764



83.4410, -2.6824, -73.1778



93.8320, 34.5928, -82.2907

Sweetspot

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



101.4030, 16.0703, 72.4376



207.7830, 6.0230, 28.2543



82.2860, 50.1450, 16.4122



101.0220, 3.4402, 16.6437



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.



101.4030, 16.0703, 72.4376



111.3600, 24.9655, 112.8173



94.1070, -11.8848, 78.8362



86.2610, 0.8573, 5.0331



57.5880, 18.9371, 86.3073



10.3100, 3.2982, 15.5141

Inverse Universe

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



101.4030, 16.0703, 72.4376



111.3600, 24.9655, 112.8173



142.8930, 11.8848, -78.8362



86.2610, 0.8573, 5.0331



57.5880, 18.9371, 86.3073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 101.4030, 16.0703, 72.4376 looks on a white background.

Color Contrast Check

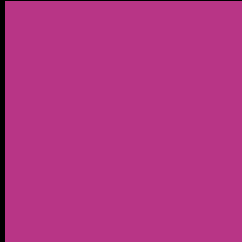
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.4030, 16.0703, 72.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

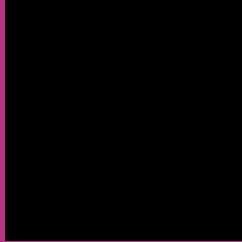
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.4030, 16.0703, 72.4376

Background



This preview shows how black text looks on a background with the YUV color 101.4030, 16.0703, 72.4376.



This preview shows how white text looks on a background with the YUV color 101.4030, 16.0703,

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

101.4030, 16.0703, 72.4376

Protanopia

105.5760, 33.2400, -21.5532

Deuteranopia

107.8180, 9.4567, 0.1596



Tritanopia

103.0470, -14.3202, 66.6108

Trichromacy



Original Color

101.4030, 16.0703, 72.4376

Protanomaly

103.8900, 27.1692, 12.3745

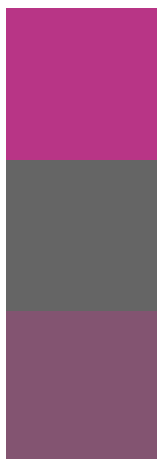
Deuteranomaly

105.3790, 12.1382, 26.8546

Tritanomaly

102.6310, -3.2691, 68.7296

Monochromacy



Original Color

101.4030, 16.0703, 72.4376

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.3590, 5.7390, 25.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.4030, 16.0703, 72.4376 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(184, 53, 134)` looks like.

```
.text, #text, p{  
  color:rgb(184, 53, 134)  
}
```

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(184, 53, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 53, 134) }
```

Border

The CSS property to change the border of an element to YUV 101.4030, 16.0703, 72.4376 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(184, 53, 134) }
```


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

```
.border{ border-color:rgb(184, 53, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 53, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 53, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 53, 134);  
box-shadow:4px 4px 4px 4px rgb(184, 53,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 101.4030, 16.0703, 72.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 53, 134) }
```

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

```
.background{ background-color: rgb(184, 53,  
134) }
```

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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