

Converting Colors

YUV(72.9270, 35.0390,
101.7960)

Have a look what the booklet for
YUV(72.9270, 35.0390, 101.7960)
contains.

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Color

**YUV(72.9270, 35.0390,
101.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0090
RGB	189, 0, 144
RGB Percent	74%, 0%, 56%
CMY	0.2588, 1.0000, 0.4353
CMYK	0.00, 1.00, 0.24, 0.26
HSL	314°, 100%, 37%
HSV	314°, 100%, 74%
XYZ	26.0203, 12.8324, 27.4910
YIQ	72.9270, 66.4200, 84.8520

Conversions

Conversions Part 2

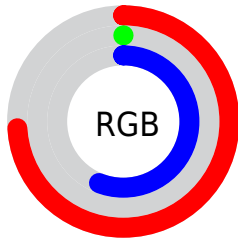
Format	Color
RYB	189, 0, 144
Decimal	12386448
CIELab	42.51, 72.46, -25.53
CIElCh	43, 76.828, 340.592
Yxy	12.8324, 0.3922, 0.1934
Android (android.graphics.Color)	4290576528 (0xFFBD0090)
YUV	72.9270, 35.0390, 101.7960
Hunter-Lab	35.8224, 66.9679, -20.4250

Details

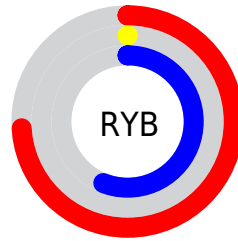
The YUV color **72.9270, 35.0390, 101.7960** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **116.0730, -35.0390, -101.7960**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5050, 24.8940, 89.0111**, and **49.7710, 21.3119, 71.2378** is the 20% darker color. If you saturate the color by 10%, you get **72.9270, 35.0390, 101.7960**, and if you desaturate by 10%, it is **84.6500, 31.7246, 91.5150**.

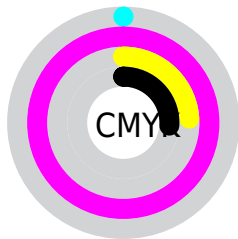
Distribution



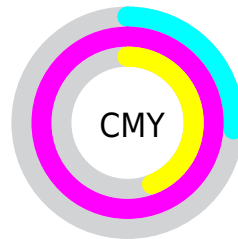
- Red (74%)
- Green (0%)
- Blue (56%)



- Red (74%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9270, 35.0390, 101.7960 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 72.9270, 35.0390, 101.7960 by changing the saturation by 10% instead.

72.9270, 35.0390,
101.7960

72.9270, 35.0390,
101.7960

255.0000, 0.0000,
0.0000

61.2920, 27.9570,
86.5669

147.5050, 24.8940,
89.0111

49.7710, 21.3119,
71.2378

170.1010, 27.5582,
74.4564

38.3640, 15.1035,
55.8088

191.0170, 31.5436,
56.1131

27.7830, 9.4740,
41.4093

208.0400, 23.1513,
41.1839

16.6040, 4.1392,
25.7803

225.0630, 14.7589,
26.2547

0.0000, 0.0000,
0.0000

242.6730, 6.0772,

10.8108

■ 72.9270, 35.0390,
101.7960

■ 84.6500, 31.7246,
91.5150

■ 96.2590, 27.9733,
81.3339

■ 107.9820, 24.6589,
71.0528

■ 119.5910, 20.9076,
60.8717

■ 131.3140, 17.5932,
50.5906

■ 142.3360, 14.1314,
40.9243

■ 154.0590, 10.8169,
30.6433

■ 165.6680, 7.0657,
20.4622

■ 177.3910, 3.7512,
10.1811

Harmonies

Analogous

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



100.7490, 47.9447, 22.1451



72.9270, 35.0390, 101.7960



71.1270, 4.8674, 119.1606

Triad

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



72.9270, 35.0390, 101.7960



92.4320, -45.5690, 9.2681



94.2370, 43.7602, -82.6458

Complementary

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



72.9270, 35.0390, 101.7960



116.0730, -35.0390, -101.7960

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.



87.8700, 16.8261, -77.0620



72.9270, 35.0390, 101.7960



70.4620, -34.7378, -58.2872

Square

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



72.9270, 35.0390, 101.7960



94.1910, -46.4362, 54.2065



79.0580, -11.8606, -69.3339



95.1610, 62.5316, -83.4562

Rectangle

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



72.9270, 35.0390, 101.7960



72.8770, -16.2084, 112.3639



79.0580, -11.8606, -69.3339



92.6580, 35.1716, -81.2611

Sweetspot

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



72.9270, 35.0390, 101.7960



199.5100, 13.5526, 39.8947



34.7020, 76.0689, 8.1543



95.0320, 8.3652, 23.6509



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.



72.9270, 35.0390, 101.7960



94.5730, 45.5665, 131.9245



62.2110, -6.0200, 111.1940



88.4890, 1.7309, 4.8331



60.9220, 29.1255, 85.1374



11.8910, 5.4767, 16.7586

Inverse Universe

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



72.9270, 35.0390, 101.7960



94.5730, 45.5665, 131.9245



126.7890, 6.0200, -111.1940



88.4890, 1.7309, 4.8331



60.9220, 29.1255, 85.1374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 72.9270, 35.0390, 101.7960 looks on a white background.

Color Contrast Check

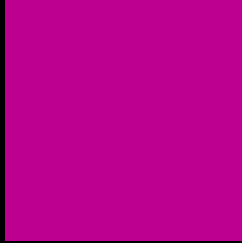
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.9270, 35.0390, 101.7960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

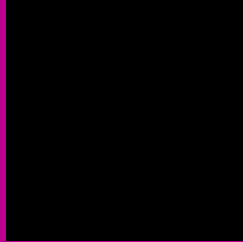
Any Text WCAG AA × Fail

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 72.9270, 35.0390, 101.7960 Background



This preview shows how black text looks on a background with the YUV color 72.9270, 35.0390, 101.7960.



This preview shows how white text looks on a background with the YUV color 72.9270, 35.0390,

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

91.6490, 55.8820, -50.5582

Deuteranopia

103.0820, 15.7356, -7.0879

Tritanopia

94.7170, -17.1155, 76.5472

Trichromacy



Protanomaly

84.7530, 48.4358, 4.6016

Deuteranomaly

91.8710, 22.7416, 32.5621

Tritanomaly

86.8210, 2.0602, 86.1030

Monochromacy



Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6730, 12.9792, 37.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9270, 35.0390, 101.7960 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 144) }
```

Border

The CSS property to change the border of an element to YUV 72.9270, 35.0390, 101.7960 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, 144) }
```

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

```
.border{ border-color:rgb(189, 0, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
144) }
```


Background

The CSS property to change the background color of an element to YUV 72.9270, 35.0390, 101.7960 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, 144) }
```

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

```
.background{ background-color: rgb(189, 0,  
144) }
```

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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