

Converting Colors

YUV(68.0720, 38.4185, 91.1449)

Have a look what the booklet for
YUV(68.0720, 38.4185, 91.1449)
contains.

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Color

**YUV(68.0720, 38.4185,
91.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	AC0092
RGB	172, 0, 146
RGB Percent	67%, 0%, 57%
CMY	0.3255, 1.0000, 0.4275
CMYK	0.00, 1.00, 0.15, 0.33
HSL	309°, 100%, 34%
HSV	309°, 100%, 67%
XYZ	22.2016, 10.8460, 28.1175
YIQ	68.0720, 55.6460, 81.8700

Conversions

Conversions Part 2

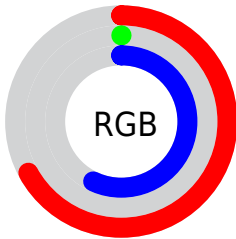
Format	Color
R_{YB}	172, 0, 146
Decimal	11272338
CIE _{Lab}	39.32, 69.48, -31.98
CIE _{LCh}	39, 76.489, 335.284
Yxy	10.8460, 0.3630, 0.1773
Android (android.graphics.Color)	4289462418 (0xFFAC0092)
YUV	68.0720, 38.4185, 91.1449
Hunter-Lab	32.9332, 62.7006, -27.5669

Details

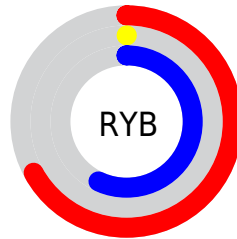
The YUV color **68.0720, 38.4185, 91.1449** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **103.9280, -38.4185, -91.1449**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5900, 29.2891, 79.2896**, and **45.2150, 24.5440, 61.2014** is the 20% darker color. If you saturate the color by 10%, you get **68.0720, 38.4185, 91.1449**, and if you desaturate by 10%, it is **78.3930, 34.8093, 82.0933**.

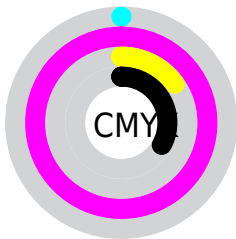
Distribution



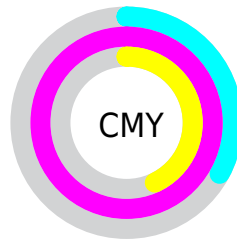
- Red (67%)
- Green (0%)
- Blue (57%)



- Red (67%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0720, 38.4185, 91.1449 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 68.0720, 38.4185, 91.1449 by changing the saturation by 10% instead.

68.0720, 38.4185,
91.1449

68.0720, 38.4185,
91.1449

255.0000, 0.0000,
0.0000

56.4370, 31.3366,
75.9158

140.5900, 29.2891,
79.2896

45.2150, 24.5440,
61.2014

168.0950, 30.0262,
76.2157

34.1070, 18.1882,
46.3872

188.0820, 32.9906,
58.6871

24.0100, 11.8271,
33.3172

205.1050, 24.5982,
43.7579

12.2330, 6.7871,
16.4587

222.1280, 16.2059,
28.8287

0.0000, 0.0000,
0.0000

239.7380, 7.5242,

13.3848

■ 68.0720, 38.4185,
91.1449

■ 78.3930, 34.8093,
82.0933

■ 88.6000, 30.7632,
73.1418

■ 99.5080, 26.8646,
63.5755

■ 109.7150, 22.8185,
54.6239

■ 120.0360, 19.2093,
45.5724

■ 130.3570, 15.6000,
36.5209

■ 140.5640, 11.5539,
27.5694

■ 151.4720, 7.6553,
18.0031

■ 161.6790, 3.6093,
9.0515

Harmonies

Analogous

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



92.1490, 51.1985, 5.1313



68.0720, 38.4185, 91.1449



68.2940, 8.2361, 111.9982

Triad

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



68.0720, 38.4185, 91.1449



86.2740, -42.5331, 15.5457



87.3750, 37.7761, -76.6279

Complementary

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



68.0720, 38.4185, 91.1449



103.9280, -38.4185, -91.1449

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.



80.4210, 11.1314, -70.5292



68.0720, 38.4185, 91.1449



72.0670, -35.5290, -37.7698

Square

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



68.0720, 38.4185, 91.1449



85.6630, -42.2319, 59.0545



70.9080, -17.7026, -62.1863



89.9290, 57.7160, -78.8677

Rectangle

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



68.0720, 38.4185, 91.1449



62.7230, -9.2304, 114.2529



70.9080, -17.7026, -62.1863



85.7960, 29.1876, -75.2431

Sweetspot

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



68.0720, 38.4185, 91.1449



183.5310, 15.0212, 35.4913



27.3820, 71.2967, -1.2120



87.8360, 8.9549, 21.1918



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



68.0720, 38.4185, 91.1449



88.6360, 49.9725, 118.7142



58.2680, 0.8539, 99.7430



81.4890, 1.7309, 4.8331



59.4420, 33.7991, 79.4194



9.0430, 4.9088, 12.2403

Inverse Universe

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



68.0720, 38.4185, 91.1449



88.6360, 49.9725, 118.7142



113.7320, -0.8539, -99.7430



81.4890, 1.7309, 4.8331



59.4420, 33.7991, 79.4194



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 68.0720, 38.4185, 91.1449 looks on a white background.

Color Contrast Check

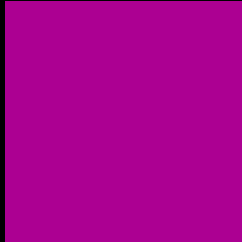
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.0720, 38.4185, 91.1449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

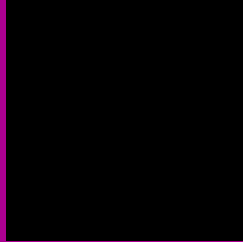
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0720, 38.4185, 91.1449

Background



This preview shows how black text looks on a background with the YUV color 68.0720, 38.4185, 91.1449.



This preview shows how white text looks on a background with the YUV color 68.0720, 38.4185,

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

76.2340, 58.5516, -66.8572

Deuteranopia

94.4170, 20.9934, -13.5207

Tritanopia

89.4490, -14.0254, 65.3812

Trichromacy



Protanomaly

73.6480, 50.9525, -9.3383

Deuteranomaly

84.9670, 27.1313, 24.5849

Tritanomaly

81.5530, 5.1504, 74.9370

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8790, 13.8637, 33.4321

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0720, 38.4185, 91.1449 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(172, 0, 146)` looks like.

```
.text, #text, p{  
    color:rgb(172, 0, 146)  
}
```

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(172, 0, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 0, 146) }
```

Border

The CSS property to change the border of an element to YUV 68.0720, 38.4185, 91.1449 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(172, 0, 146) }
```

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

```
.border{ border-color:rgb(172, 0, 146) }
```

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

Here you see how a box with a 4 pixel rgb(172, 0, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(172, 0,  
146) }
```


Background

The CSS property to change the background color of an element to YUV 68.0720, 38.4185, 91.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 0, 146) }
```

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

```
.background{ background-color: rgb(172, 0,  
146) }
```

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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