

Converting Colors

YUV(67.7000, 9.0219, 93.2251)

Have a look what the booklet for
YUV(67.7000, 9.0219, 93.2251)
contains.

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Color

**YUV(67.7000, 9.0219,
93.2251)**

Conversions

Conversions Part 1

Format	Color
Hex	AE0A56
RGB	174, 10, 86
RGB Percent	68%, 4%, 34%
CMY	0.3176, 0.9608, 0.6627
CMYK	0.00, 0.94, 0.51, 0.32
HSL	332°, 89%, 36%
HSV	332°, 94%, 68%
XYZ	19.2438, 9.8876, 9.6983
YIQ	67.7000, 73.3480, 58.4040

Conversions

Conversions Part 2

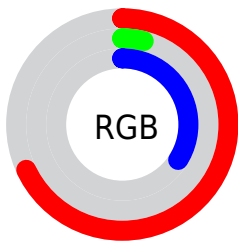
Format	Color
R_{YB}	174, 10, 86
Decimal	11405910
CIE _{Lab}	37.64, 62.39, 3.16
CIE _{LCh}	38, 62.472, 2.903
Yxy	9.8876, 0.4956, 0.2546
Android (android.graphics.Color)	4289595990 (0xFFAE0A56)
YUV	67.7000, 9.0219, 93.2251
Hunter-Lab	31.4446, 54.2123, 3.7246

Details

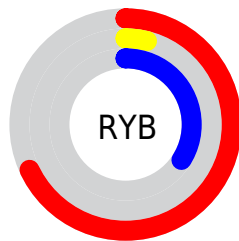
The YUV color **67.7000, 9.0219, 93.2251** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **116.3000, -9.0219, -93.2251**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3760, 0.3076, 88.2472**, and **39.0590, 0.9569, 66.6003** is the 20% darker color. If you saturate the color by 10%, you get **61.2600, 9.7318, 98.8730**, and if you desaturate by 10%, it is **78.7050, 8.0334, 83.5737**.

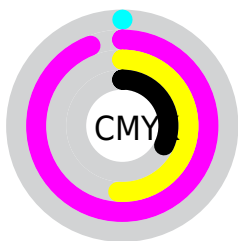
Distribution



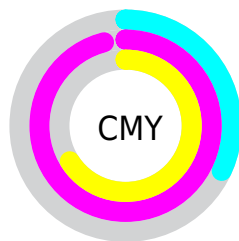
- Red (68%)
- Green (4%)
- Blue (34%)



- Red (68%)
- Yellow (4%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (51%)
- Black (32%)





- Cyan (32%)
- Magenta (96%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7000, 9.0219, 93.2251 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 67.7000, 9.0219, 93.2251 by changing the saturation by 10% instead.


 67.7000, 9.0219,
93.2251

 67.7000, 9.0219,
93.2251


255.0000, 0.0000,
0.0000


 50.2380, 6.2917,
82.2293


 134.3760, 0.3076,
88.2472

 39.0590, 0.9569,
66.6003

 160.4570, 0.7607,
82.9142


 28.1080, -3.5042,
50.7713

 179.9710, 4.4513,
65.8004

 17.8690, -7.8234,
36.0719

 200.0720, 7.8525,
48.1719

 5.9800, -2.9481,
12.2955

 220.4010, 12.1273,
30.3433

 0.0000, 0.0000,
0.0000

 238.5640, 8.1029,

14.4144

■ 67.7000, 9.0219,
93.2251

■ 67.7000, 9.0219,
93.2251

■ 61.2600, 9.7318,
98.8730

■ 78.7050, 8.0334,
83.5737

■ 90.4110, 7.1924,
73.3076

■ 101.4160, 6.2039,
63.6562

■ 113.0080, 4.9261,
53.4900

■ 124.1270, 4.3744,
43.7386

■ 135.1320, 3.3859,
34.0872

■ 146.7240, 2.1081,
23.9211

■ 157.8430, 1.5564,
14.1697

■ 169.4350, 0.2785,
4.0035

Harmonies

Analogous

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



84.1330, 25.5704, 58.6424



67.7000, 9.0219, 93.2251



76.4680, -19.4577, 81.1506

Triad

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



67.7000, 9.0219, 93.2251



74.5360, -36.7462, -20.6411



82.0410, 47.8008, -71.9500

Complementary

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



67.7000, 9.0219, 93.2251



116.3000, -9.0219, -93.2251

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.



80.8720, 30.6291, -70.9247



67.7000, 9.0219, 93.2251



67.2550, -13.9297, -58.9826

Square

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



67.7000, 9.0219, 93.2251



82.7520, -40.7967, 18.6345



75.0580, 8.3524, -65.8259



76.9520, 56.2257, -67.4869

Rectangle

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



67.7000, 9.0219, 93.2251



80.0920, -39.4854, 64.8173



75.0580, 8.3524, -65.8259



82.0750, 42.8540, -71.9798

Sweetspot

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



67.7000, 9.0219, 93.2251



185.5560, 3.6699, 36.3464



54.7090, 58.8105, 37.0892



89.7130, 2.1135, 22.1767



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



67.7000, 9.0219, 93.2251



79.8430, 12.4024, 129.0567



61.9710, -25.6217, 98.2494



81.1470, 0.4205, 5.1331



52.8300, 8.4648, 85.2181



8.1310, 1.4144, 13.0401

Inverse Universe

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



67.7000, 9.0219, 93.2251



79.8430, 12.4024, 129.0567



122.0290, 25.6217, -98.2494



81.1470, 0.4205, 5.1331



52.8300, 8.4648, 85.2181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 67.7000, 9.0219, 93.2251 looks on a white background.

Color Contrast Check

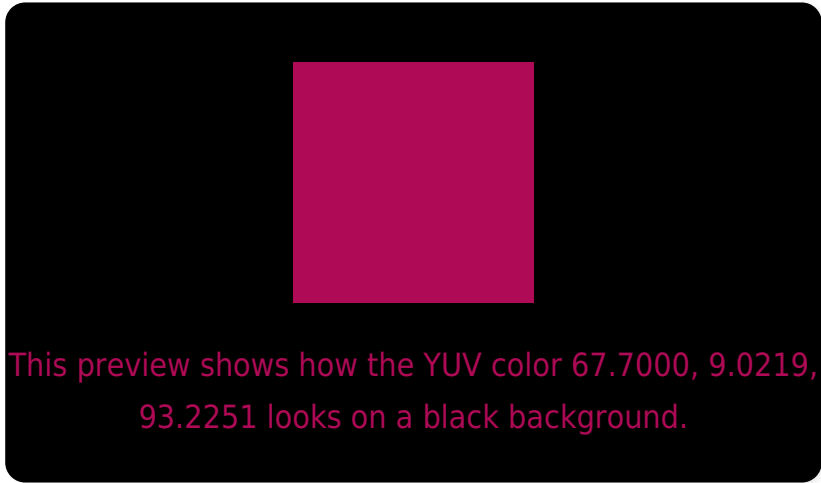
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

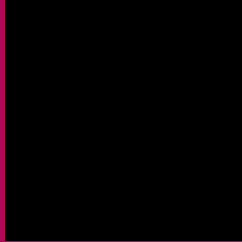
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7000, 9.0219, 93.2251

Background



This preview shows how black text looks on a background with the YUV color 67.7000, 9.0219, 93.2251.



This preview shows how white text looks on a background with the YUV color 67.7000, 9.0219,

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

67.7000, 9.0219, 93.2251

Protanopia

91.1850, 16.1778, -8.9322

Deuteranopia

91.1710, -6.0003, 11.2510



Tritanopia

75.9630, -20.1948, 84.2244

Trichromacy



Original Color

67.7000, 9.0219, 93.2251

Protanomaly

82.7320, 13.4431, 28.2990

Deuteranomaly

82.5520, -0.2721, 40.7349

Tritanomaly

73.1450, -9.4385, 87.5728

Monochromacy



Original Color

67.7000, 9.0219, 93.2251

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1320, 3.3859, 34.0872

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7000, 9.0219, 93.2251 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(174, 10, 86)` looks like.

```
.text, #text, p{  
    color:rgb(174, 10, 86)  
}
```

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(174, 10, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 10, 86) }
```

Border

The CSS property to change the border of an element to YUV 67.7000, 9.0219, 93.2251 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(174, 10, 86) }
```


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

```
.border{ border-color:rgb(174, 10, 86) }
```

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

Here you see how a box with a 4 pixel rgb(174, 10, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 10, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 10, 86);  
box-shadow:4px 4px 4px 4px rgb(174, 10,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 67.7000, 9.0219, 93.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 10, 86) }
```

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

```
.background{ background-color: rgb(174, 10,  
86) }
```

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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