

Converting Colors

YUV(69.8820, -0.4348, 93.0655)

Have a look what the booklet for
YUV(69.8820, -0.4348, 93.0655)
contains.

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Color

**YUV(69.8820, -0.4348,
93.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	B01045
RGB	176, 16, 69
RGB Percent	69%, 6%, 27%
CMY	0.3098, 0.9373, 0.7294
CMYK	0.00, 0.91, 0.61, 0.31
HSL	340°, 83%, 38%
HSV	340°, 91%, 69%
XYZ	19.1640, 10.0304, 6.5562
YIQ	69.8820, 78.3470, 50.4030

Conversions

Conversions Part 2

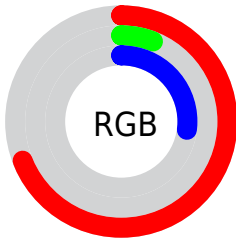
Format	Color
R_{YB}	176, 16, 69
Decimal	11538501
CIE _{Lab}	37.90, 60.88, 14.54
CIE _{LCh}	38, 62.589, 13.429
Yxy	10.0304, 0.5360, 0.2806
Android (android.graphics.Color)	4289728581 (0xFFB01045)
YUV	69.8820, -0.4348, 93.0655
Hunter-Lab	31.6707, 52.5865, 9.8958

Details

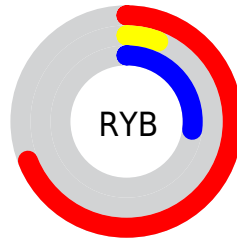
The YUV color **69.8820, -0.4348, 93.0655** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **122.1180, 0.4348, -93.0655**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0960, -8.4283, 90.2468**, and **37.7620, -5.3057, 68.6147** is the 20% darker color. If you saturate the color by 10%, you get **59.2360, -0.6093, 102.4020**, and if you desaturate by 10%, it is **81.8160, -0.4023, 82.5994**.

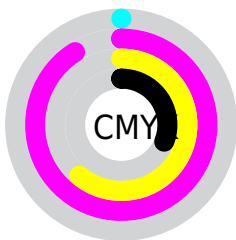
Distribution



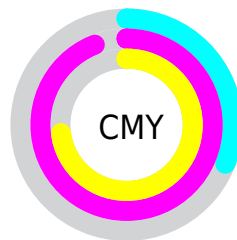
- Red (69%)
- Green (6%)
- Blue (27%)



- Red (69%)
- Yellow (6%)
- Blue (27%)



- Cyan (0%)
- Magenta (91%)
- Yellow (61%)
- Black (31%)





- Cyan (31%)
- Magenta (94%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.8820, -0.4348, 93.0655 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 69.8820, -0.4348, 93.0655 by changing the saturation by 10% instead.


 69.8820, -0.4348,
93.0655

 69.8820, -0.4348,
93.0655


255.0000, 0.0000,
0.0000

 49.0120, -0.9919,
85.0585


 134.0960, -8.4283,
90.2468

 37.7620, -5.3057,
68.6147


 158.7640, -8.2647,
84.3990

 26.0130, -12.8244,
53.4856

 178.8650, -4.8634,
66.7704

 17.8690, -7.8234,
36.0719

 198.3790, -1.1728,
49.6566

 5.9800, -2.9481,
12.2955

 218.5940, 2.6652,
31.9281

 0.0000, 0.0000,
0.0000

 238.8090, 6.5032,

14.1995

■ 69.8820, -0.4348,
93.0655

■ 69.8820, -0.4348,
93.0655

■ 59.2360, -0.6093,
102.4020

■ 81.8160, -0.4023,
82.5994

■ 93.1630, -0.0804,
72.6480

■ 104.9830, -0.4846,
62.2819

■ 116.3300, -0.1627,
52.3306

■ 128.2640, -0.1302,
41.8645

■ 140.1980, -0.0976,
31.3984

■ 151.4310, -0.2125,
21.5470

■ 163.3650, -0.1799,
11.0809

■ 174.7120, 0.1420,
1.1296

Harmonies

Analogous

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



79.0380, 19.7013, 74.5117



69.8820, -0.4348, 93.0655



79.6660, -29.9083, 73.0839

Triad

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



69.8820, -0.4348, 93.0655



66.1310, -32.6026, -43.0879



81.7790, 51.8740, -71.7202

Complementary

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



69.8820, -0.4348, 93.0655



122.1180, 0.4348, -93.0655

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.



81.9950, 37.4705, -71.9096



69.8820, -0.4348, 93.0655



70.5950, -6.2093, -61.9118

Square

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



69.8820, -0.4348, 93.0655



81.7890, -40.3220, 6.3240



77.8110, 16.3622, -68.2402



73.2020, 57.0884, -64.1982

Rectangle

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



69.8820, -0.4348, 93.0655



82.9720, -40.9052, 53.5216



77.8110, 16.3622, -68.2402



82.7420, 47.9482, -72.5647

Sweetspot

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



69.8820, -0.4348, 93.0655



188.8180, -0.4033, 36.1166



66.2330, 54.1151, 49.7847



90.4310, -0.2125, 21.5470



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.



69.8820, -0.4348, 93.0655



77.4340, -0.7070, 133.8004



79.6890, -31.3987, 84.4647



83.0330, -0.0163, 5.2331



51.5610, -0.2766, 88.9620



8.6860, -0.3382, 15.1844

Inverse Universe

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



69.8820, -0.4348, 93.0655



77.4340, -0.7070, 133.8004



112.3110, 31.3987, -84.4647



83.0330, -0.0163, 5.2331



51.5610, -0.2766, 88.9620



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 69.8820, -0.4348, 93.0655 looks on a white background.

Color Contrast Check

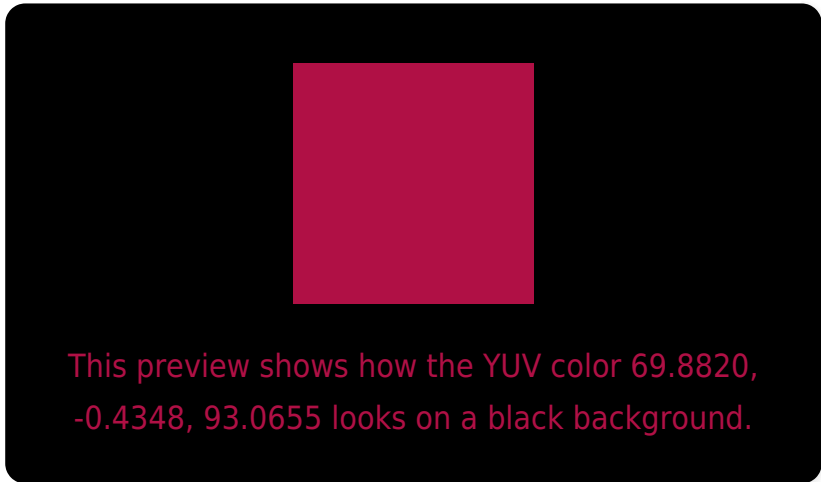
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

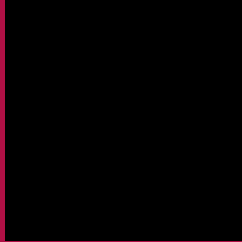
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.8820, -0.4348, 93.0655

Background



This preview shows how black text looks on a background with the YUV color 69.8820, -0.4348, 93.0655.



This preview shows how white text looks on a background with the YUV color 69.8820, -0.4348,

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

69.8820, -0.4348, 93.0655

Protanopia

91.1400, 4.3680, -0.9998

Deuteranopia

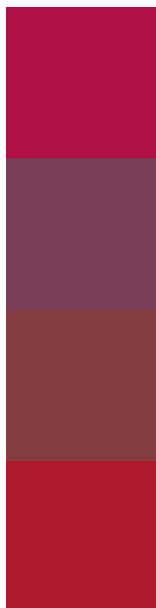
90.7280, -14.1629, 16.0245



Tritanopia

73.9420, -21.6634, 88.6279

Trichromacy



Original Color

69.8820, -0.4348, 93.0655

Protanomaly

83.3060, 2.8071, 33.0576

Deuteranomaly

82.9840, -8.8661, 43.8640

Tritanomaly

72.6030, -14.1013, 89.8022

Monochromacy



Original Color

69.8820, -0.4348, 93.0655

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9210, 0.0389, 34.2723

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8820, -0.4348, 93.0655 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(176, 16, 69)` looks like.

```
.text, #text, p{  
    color:rgb(176, 16, 69)  
}
```

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(176, 16, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 16, 69) }
```

Border

The CSS property to change the border of an element to YUV 69.8820, -0.4348, 93.0655 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(176, 16, 69) }
```


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

```
.border{ border-color:rgb(176, 16, 69) }
```

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

Here you see how a box with a 4 pixel rgb(176, 16, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 16, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 16, 69);  
box-shadow:4px 4px 4px 4px rgb(176, 16,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 69.8820, -0.4348, 93.0655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 16, 69) }
```

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

```
.background{ background-color: rgb(176, 16,  
69) }
```

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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