

Converting Colors

YUV(68.9390, 9.3971, 19.3475)

Have a look what the booklet for
YUV(68.9390, 9.3971, 19.3475)
contains.

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Color

**YUV(68.9390, 9.3971,
19.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3658
RGB	91, 54, 88
RGB Percent	36%, 21%, 35%
CMY	0.6431, 0.7882, 0.6549
CMYK	0.00, 0.41, 0.03, 0.64
HSL	305°, 26%, 28%
HSV	305°, 41%, 36%
XYZ	7.3950, 5.5671, 9.9173
YIQ	68.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

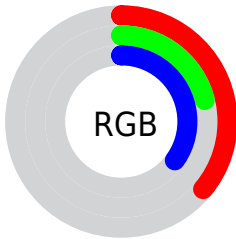
Format	Color
R_{YB}	91, 54, 88
Decimal	5977688
CIE _{Lab}	28.29, 22.54, -13.62
CIE _{LCh}	28, 26.332, 328.855
Yxy	5.5671, 0.3232, 0.2433
Android (android.graphics.Color)	4284167768 (0xFF5B3658)
YUV	68.9390, 9.3971, 19.3475
Hunter-Lab	23.5946, 14.6547, -8.4046

Details

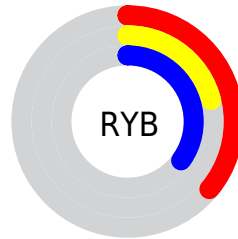
The YUV color **68.9390, 9.3971, 19.3475** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.0610, -9.3971, -19.3475**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0640, 9.8284, 20.9919**, and **23.8140, 8.9657, 17.7031** is the 20% darker color. If you saturate the color by 10%, you get **63.5420, 11.5648, 24.0807**, and if you desaturate by 10%, it is **74.3360, 7.2294, 14.6143**.

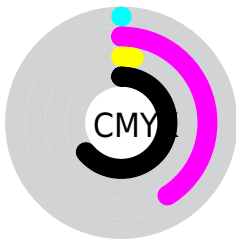
Distribution



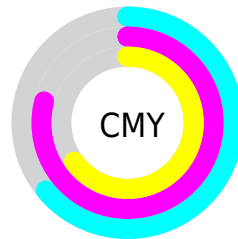
- Red (36%)
- Green (21%)
- Blue (35%)



- Red (36%)
- Yellow (21%)
- Blue (35%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (64%)



- Cyan (64%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9390, 9.3971, 19.3475 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 68.9390, 9.3971, 19.3475 by changing the saturation by 10% instead.

■ 68.9390, 9.3971,
19.3475

■ 68.9390, 9.3971,
19.3475

■ 255.0000, 0.0000,
0.0000

■ 46.2270, 9.2551,
18.2179

■ 118.0640, 9.8284,
20.9919

■ 23.8140, 8.9657,
17.7031

■ 143.7760, 9.9704,
22.1214

■ 9.0860, 6.3666,
11.3256

■ 170.1890, 10.2598,
22.6362

■ 0.0000, 0.0000,
0.0000

■ 197.6020, 10.5492,
23.1510

■ 226.0150, 10.8386,
23.6658

■ 243.8470, 5.4984,

9.7812

■ 68.9390, 9.3971,
19.3475

■ 68.9390, 9.3971,
19.3475

■ 63.5420, 11.5648,
24.0807

■ 74.3360, 7.2294,
14.6143

■ 58.2590, 14.1693,
28.7139

■ 79.6190, 4.6248,
9.9811

■ 52.8620, 16.3370,
33.4470

■ 85.0160, 2.4571,
5.2480

■ 47.4650, 18.5048,
38.1802

■ 90.4130, 0.2894,
0.5148

■ 42.0680, 20.6725,
42.9134

■ 96.3970, -2.1677,
-4.7332

■ 36.7850, 23.2770,
47.5466

■ 101.6800, -4.7722,
-9.3664

■ 107.0770, -6.9400,
-14.0995

■ 112.4740, -9.1077,
-18.8327

■ 117.8710,
-11.2754, -23.5659

Harmonies

Analogous

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



68.0550, 16.7349, -0.9252



68.9390, 9.3971, 19.3475



67.8990, 0.0498, 30.7836

Triad

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



68.9390, 9.3971, 19.3475



64.6260, -19.5356, 12.6060



55.0030, 15.2815, -48.2376

Complementary

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



68.9390, 9.3971, 19.3475



76.0610, -9.3971, -19.3475

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.



52.6090, 6.1088, -46.1381



68.9390, 9.3971, 19.3475



62.7380, -16.1398, -3.2782

Square

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



68.9390, 9.3971, 19.3475



66.0990, -16.8108, 25.3462



59.0220, -6.9128, -22.8213



54.9520, 22.7017, -48.1929

Rectangle

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



68.9390, 9.3971, 19.3475



67.0150, -5.9234, 33.3128



59.0220, -6.9128, -22.8213



54.2050, 12.2239, -47.5378

Sweetspot

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



68.9390, 9.3971, 19.3475



108.6680, 3.6147, 7.3072



58.8160, 15.8667, -2.4696



53.6030, 2.1677, 4.7332



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



68.9390, 9.3971, 19.3475



83.0850, 14.7481, 29.7435



66.8870, 1.5347, 21.1471



43.0650, 1.4470, 2.5740



44.4040, 27.9018, 57.5277



95.7150, 60.2865, 123.9069

Inverse Universe

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



68.9390, 9.3971, 19.3475



83.0850, 14.7481, 29.7435



78.1130, -1.5347, -21.1471



43.0650, 1.4470, 2.5740



44.4040, 27.9018, 57.5277



95.7150, 60.2865, 123.9069

Previews

White Background



This preview shows how the YUV color 68.9390, 9.3971, 19.3475 looks on a white background.

Color Contrast Check

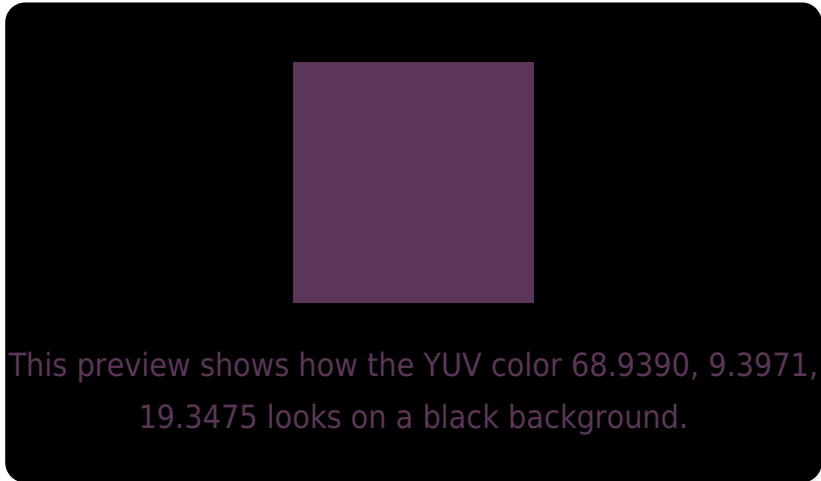
Large Text (above 18pt) WCAG AA ✓ Pass

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

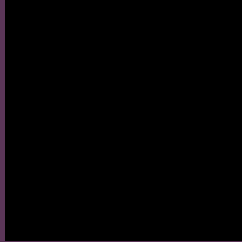
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9390, 9.3971, 19.3475

Background



This preview shows how black text looks on a background with the YUV color 68.9390, 9.3971, 19.3475.



This preview shows how white text looks on a background with the YUV color 68.9390, 9.3971,

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

68.9390, 9.3971, 19.3475

Protanopia

66.8430, 14.8674, -8.6323

Deuteranopia

67.6820, 9.0308, -3.2291



Tritanopia

68.2410, -2.0908, 17.3286

Trichromacy



Original Color

68.9390, 9.3971, 19.3475

Protanomaly

67.7410, 12.9457, 1.1041

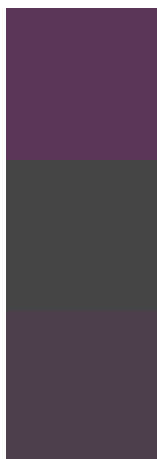
Deuteranomaly

68.4380, 9.1511, 4.8779

Tritanomaly

68.3920, 2.2717, 18.0732

Monochromacy



Original Color

68.9390, 9.3971, 19.3475

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9390, 9.3971, 19.3475 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(91, 54, 88)` looks like.

```
.text, #text, p{  
    color:rgb(91, 54, 88)  
}
```

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(91, 54, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 54, 88) }
```

Border

The CSS property to change the border of an element to YUV 68.9390, 9.3971, 19.3475 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(91, 54, 88) }
```


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

```
.border{ border-color:rgb(91, 54, 88) }
```

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

Here you see how a box with a 4 pixel rgb(91, 54, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 54, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 54, 88);  
box-shadow:4px 4px 4px 4px rgb(91, 54, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9390, 9.3971, 19.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 54, 88) }
```

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

```
.background{ background-color: rgb(91, 54,  
88) }
```

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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