

Converting Colors

YUV(51.9760, 10.3648, 82.4590)

Have a look what the booklet for
YUV(51.9760, 10.3648, 82.4590)
contains.

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Color

**YUV(51.9760, 10.3648,
82.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	920049
RGB	146, 0, 73
RGB Percent	57%, 0%, 29%
CMY	0.4275, 1.0000, 0.7137
CMYK	0.00, 1.00, 0.50, 0.43
HSL	330°, 100%, 29%
HSV	330°, 100%, 57%
XYZ	13.0567, 6.5920, 6.8876
YIQ	51.9760, 63.5830, 53.6550

Conversions

Conversions Part 2

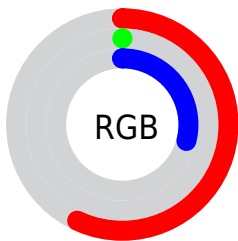
Format	Color
R_{YB}	146, 0, 73
Decimal	9568329
CIE _{Lab}	30.86, 56.01, 1.10
CIE _{LCh}	31, 56.019, 1.128
Yxy	6.5920, 0.4920, 0.2484
Android (android.graphics.Color)	4287758409 (0xFF920049)
YUV	51.9760, 10.3648, 82.4590
Hunter-Lab	25.6750, 45.8427, 2.0673

Details

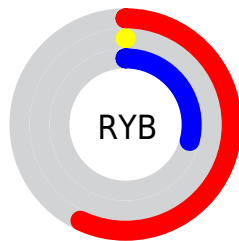
The YUV color **51.9760, 10.3648, 82.4590** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **94.0240, -10.3648, -82.4590**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9400, 1.5086, 76.3516**, and **30.0310, -0.0153, 51.7158** is the 20% darker color. If you saturate the color by 10%, you get **51.9760, 10.3648, 82.4590**, and if you desaturate by 10%, it is **61.5790, 9.0816, 74.0372**.

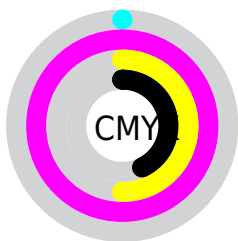
Distribution



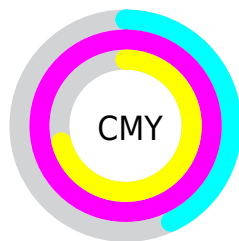
- Red (57%)
- Green (0%)
- Blue (29%)



- Red (57%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (43%)





- Cyan (43%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9760, 10.3648, 82.4590 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 51.9760, 10.3648, 82.4590 by changing the saturation by 10% instead.


 51.9760, 10.3648,
82.4590


 51.9760, 10.3648,
82.4590


255.0000, 0.0000,
0.0000


 40.7970, 5.0301,
66.8300


 117.9400, 1.5086,
76.3516


 30.0310, -0.0153,
51.7158

 146.3100, 0.3402,
77.7811


 19.4780, -8.1237,
39.0458

 171.8040, 1.0826,
72.9629

 9.0840, -3.9854,
18.3433

 191.3180, 4.7732,
55.8491

 0.0000, 0.0000,
0.0000

 210.9460, 8.9006,
38.6354

 230.9330, 11.8650,

21.1068

247.9560, 3.4727,
6.1776

51.9760, 10.3648,
82.4590

61.5790, 9.0816,
74.0372

70.7090, 8.5245,
66.0302

80.3120, 7.2412,
57.6084

89.3280, 6.2473,
49.7013

99.0450, 5.4008,
41.1795

■ 108.6480, 4.1175,
32.7577

■ 117.6640, 3.1236,
24.8507

■ 127.2670, 1.8404,
16.4288

■ 136.3970, 1.2833,
8.4218

Harmonies

Analogous

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



69.3830, 22.9822, 48.7761



51.9760, 10.3648, 82.4590



60.2650, -14.9206, 72.5586

Triad

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



51.9760, 10.3648, 82.4590



61.5780, -30.3580, -16.2929



68.7560, 40.0533, -60.2990

Complementary

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



51.9760, 10.3648, 82.4590



94.0240, -10.3648, -82.4590

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.



66.7550, 24.7708, -58.5441



51.9760, 10.3648, 82.4590



54.6200, -14.1097, -47.9017

Square

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



51.9760, 10.3648, 82.4590



68.5760, -33.8080, 17.0348



61.7390, 5.5517, -54.1451



64.1400, 47.7520, -56.2508

Rectangle

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



51.9760, 10.3648, 82.4590



64.6980, -31.8961, 57.2699



61.7390, 5.5517, -54.1451



68.3170, 35.8327, -59.9140

Sweetspot

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



51.9760, 10.3648, 82.4590



152.2350, 3.8281, 32.2429



38.4710, 53.0118, 30.2819



72.1040, 2.4137, 19.2028



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



51.9760, 10.3648, 82.4590



67.2270, 13.1991, 106.7949



43.6540, -21.5214, 89.7574



69.4350, 0.2785, 4.0035



49.1280, 9.7969, 77.9407



3.5600, 0.7099, 5.6479

Inverse Universe

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



51.9760, 10.3648, 82.4590



67.2270, 13.1991, 106.7949



102.3460, 21.5214, -89.7574



69.4350, 0.2785, 4.0035



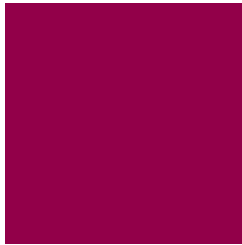
49.1280, 9.7969, 77.9407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 51.9760, 10.3648, 82.4590 looks on a white background.

Color Contrast Check

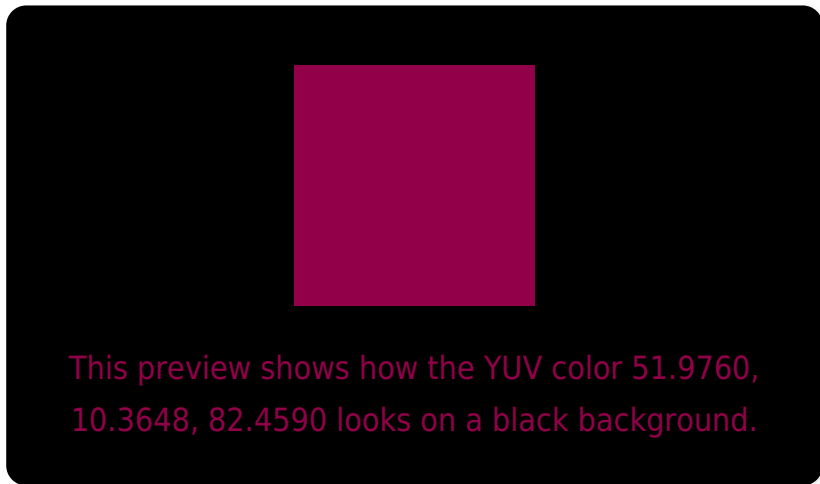
Large Text (above 18pt) WCAG AA ✓ Pass

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

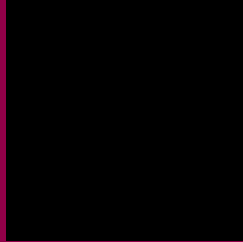
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9760, 10.3648, 82.4590

Background



This preview shows how black text looks on a background with the YUV color 51.9760, 10.3648, 82.4590.



This preview shows how white text looks on a background with the YUV color 51.9760, 10.3648,

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

51.9760, 10.3648, 82.4590

Protanopia

76.0280, 14.2832, -7.9176

Deuteranopia

76.5020, -4.6845, 9.2067



Tritanopia

63.3850, -16.9518, 70.6994

Trichromacy



Original Color

51.9760, 10.3648, 82.4590

Protanomaly

67.4820, 12.5804, 25.0103

Deuteranomaly

67.1600, 0.9071, 35.8167

Tritanomaly

59.0510, -6.9271, 75.3773

Monochromacy



Original Color

51.9760, 10.3648, 82.4590

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9250, 3.9810, 29.8838

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9760, 10.3648, 82.4590 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(146, 0, 73)` looks like.

```
.text, #text, p{  
  color:rgb(146, 0, 73)  
}
```

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(146, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 0, 73) }
```

Border

The CSS property to change the border of an element to YUV 51.9760, 10.3648, 82.4590 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(146, 0, 73) }
```


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

```
.border{ border-color:rgb(146, 0, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 0, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(146, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.9760, 10.3648, 82.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 0, 73) }
```

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

```
.background{ background-color: rgb(146, 0,  
73) }
```

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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