

Converting Colors

YUV(52.6450, 9.0490, 84.5033)

Have a look what the booklet for
YUV(52.6450, 9.0490, 84.5033)
contains.

YUV(52.6450, 9.0490, 84.5033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.6450, 9.0490,
84.5033)**

Conversions

Conversions Part 1

Format	Color
Hex	950047
RGB	149, 0, 71
RGB Percent	58%, 0%, 28%
CMY	0.4157, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.52, 0.42
HSL	331°, 100%, 29%
HSV	331°, 100%, 58%
XYZ	13.5318, 6.8445, 6.5692
YIQ	52.6450, 66.0130, 53.6690

Conversions

Conversions Part 2

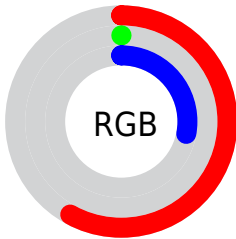
Format	Color
R_{YB}	149, 0, 71
Decimal	9764935
CIE Lab	31.45, 56.55, 3.37
CIE LCh	31, 56.654, 3.409
Yxy	6.8445, 0.5022, 0.2540
Android (android.graphics.Color)	4287955015 (0xFF950047)
YUV	52.6450, 9.0490, 84.5033
Hunter-Lab	26.1620, 46.5420, 3.4259

Details

The YUV color **52.6450, 9.0490, 84.5033** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **96.3550, -9.0490, -84.5033**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1960, -0.0966, 77.8811**, and **30.4010, -1.1837, 53.1453** is the 20% darker color. If you saturate the color by 10%, you get **52.6450, 9.0490, 84.5033**, and if you desaturate by 10%, it is **62.3620, 8.2025, 75.9815**.

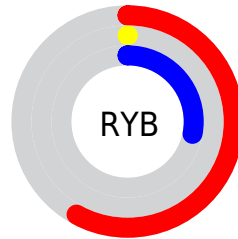
Distribution



Red (58%)

Green (0%)

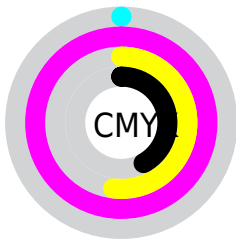
Blue (28%)



Red (58%)

Yellow (0%)

Blue (28%)

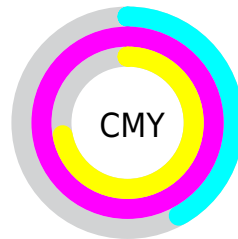


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (42%)



Cyan (42%)

Magenta (100%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6450, 9.0490, 84.5033 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 52.6450, 9.0490, 84.5033 by changing the saturation by 10% instead.

■ 52.6450, 9.0490,
84.5033

■ 52.6450, 9.0490,
84.5033

255.0000, 0.0000,
0.0000

■ 41.4660, 3.7143,
68.8743

■ 119.1960, -0.0966,
77.8811

■ 30.4010, -1.1837,
53.1453

■ 147.5660, -1.2650,
79.3106

■ 19.9620, -8.8553,
40.3753

■ 172.0490, -0.5172,
72.7480

■ 9.9810, -4.4276,
20.1877

■ 191.5630, 3.1734,
55.6342

■ 0.0000, 0.0000,
0.0000

■ 211.1910, 7.3008,
38.4205

■ 231.5200, 11.5756,

20.5920

248.5430, 3.1833,
5.6628

52.6450, 9.0490,
84.5033

62.3620, 8.2025,
75.9815

72.0790, 7.3561,
67.4597

81.6820, 6.0728,
59.0379

91.3990, 5.2263,
50.5161

101.1160, 4.3798,
41.9943

■ 110.2460, 3.8227,
33.9873

■ 119.9630, 2.9762,
25.4654

■ 129.5660, 1.6930,
17.0436

■ 139.2830, 0.8465,
8.5218

Harmonies

Analogous

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



69.2910, 22.5345, 52.3648



52.6450, 9.0490, 84.5033



62.6840, -17.0992, 71.3141

Triad

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



52.6450, 9.0490, 84.5033



61.5560, -30.3471, -19.7816



69.7990, 41.5111, -61.2137

Complementary

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



52.6450, 9.0490, 84.5033



96.3550, -9.0490, -84.5033

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.



67.9120, 26.6654, -59.5588



52.6450, 9.0490, 84.5033



56.3640, -12.5045, -49.4312

Square

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



52.6450, 9.0490, 84.5033



69.4510, -34.2393, 15.3905



62.8960, 7.4463, -55.1598



64.4820, 49.0624, -56.5507

Rectangle

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



52.6450, 9.0490, 84.5033



66.7580, -32.9117, 56.3402



62.8960, 7.4463, -55.1598



69.3600, 37.2905, -60.8287

Sweetspot

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



52.6450, 9.0490, 84.5033



156.4200, 3.2439, 32.9577



40.0090, 53.7326, 32.4411



74.4030, 2.2663, 19.8176



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



52.6450, 9.0490, 84.5033



68.4940, 11.5885, 110.0688



45.7250, -22.5424, 90.5722



69.4350, 0.2785, 4.0035



48.7860, 8.4865, 78.2407



3.5600, 0.7099, 5.6479

Inverse Universe

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



52.6450, 9.0490, 84.5033



68.4940, 11.5885, 110.0688



103.2750, 22.5424, -90.5722



69.4350, 0.2785, 4.0035



48.7860, 8.4865, 78.2407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 52.6450, 9.0490, 84.5033 looks on a white background.

Color Contrast Check

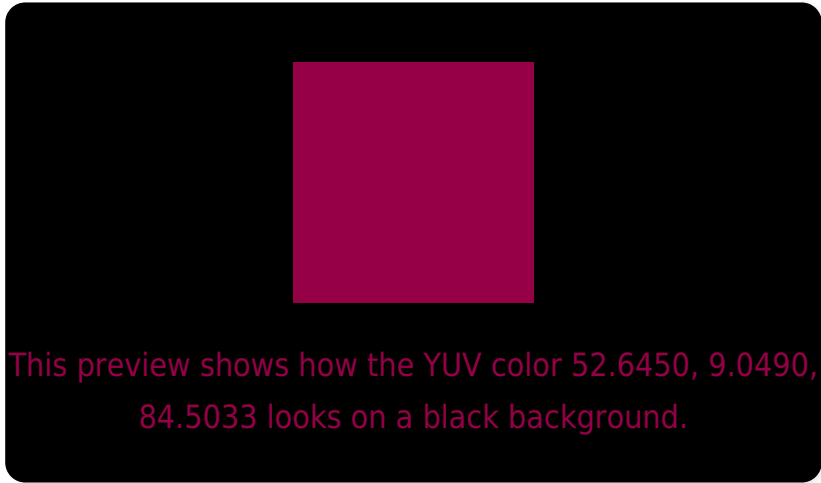
Large Text (above 18pt) WCAG AA ✓ Pass

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

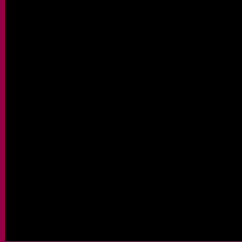
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.6450, 9.0490, 84.5033

Background



This preview shows how black text looks on a background with the YUV color 52.6450, 9.0490, 84.5033.



This preview shows how white text looks on a background with the YUV color 52.6450, 9.0490,

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

52.6450, 9.0490, 84.5033

Protanopia

77.2840, 12.6780, -6.3881

Deuteranopia

77.4590, -6.1423, 10.1215



Tritanopia

63.5810, -17.5414, 73.1585

Trichromacy



Original Color

52.6450, 9.0490, 84.5033

Protanomaly

68.1510, 11.2646, 27.0546

Deuteranomaly

68.4160, -0.6981, 37.3462

Tritanomaly

59.8340, -7.8062, 77.3216

Monochromacy



Original Color

52.6450, 9.0490, 84.5033

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1100, 3.3968, 30.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6450, 9.0490, 84.5033 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(149, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(149, 0, 71)  
}
```

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(149, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 0, 71) }
```

Border

The CSS property to change the border of an element to YUV 52.6450, 9.0490, 84.5033 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(149, 0, 71) }
```


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

```
.border{ border-color:rgb(149, 0, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 0, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(149, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6450, 9.0490, 84.5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 0, 71) }
```

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

```
.background{ background-color: rgb(149, 0,  
71) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor