

# Converting Colors

YUV(69.2450, 12.2042, 52.4051)

Have a look what the booklet for  
YUV(69.2450, 12.2042, 52.4051)  
contains.

<b>YUV(69.2450, 12.2042, 52.4051)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(69.2450, 12.2042,  
52.4051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81225E
RGB	129, 34, 94
RGB Percent	51%, 13%, 37%
CMY	0.4941, 0.8667, 0.6314
CMYK	0.00, 0.74, 0.27, 0.49
HSL	322°, 58%, 32%
HSV	322°, 74%, 51%
XYZ	11.6457, 6.6193, 11.2535
YIQ	69.2450, 37.3600, 38.8000

# Conversions

## Conversions Part 2

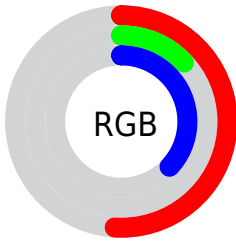
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	129, 34, 94
Decimal	8462942
CIE <sub>Lab</sub>	30.92, 46.08, -12.95
CIE <sub>LCh</sub>	31, 47.867, 344.297
Yxy	6.6193, 0.3945, 0.2242
Android (android.graphics.Color)	4286653022 (0xFF81225E)
<b>YUV</b>	69.2450, 12.2042, 52.4051
Hunter-Lab	25.7281, 35.7729, -7.9240

# Details

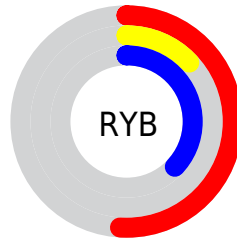
The YUV color **69.2450, 12.2042, 52.4051** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **93.7550, -12.2042, -52.4051**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8000, 10.4516, 54.5494**, and **28.1960, 9.7634, 41.9241** is the 20% darker color. If you saturate the color by 10%, you get **61.0440, 13.7823, 59.5974**, and if you desaturate by 10%, it is **77.4460, 10.6261, 45.2129**.

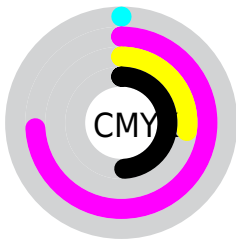
# Distribution



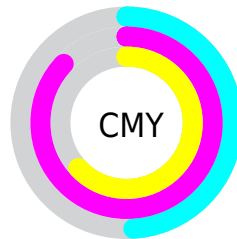
- Red (51%)
- Green (13%)
- Blue (37%)



- Red (51%)
- Yellow (13%)
- Blue (37%)



- Cyan (0%)
- Magenta (74%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (87%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 69.2450, 12.2042, 52.4051 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 69.2450, 12.2042, 52.4051 by changing the saturation by 10% instead.



69.2450, 12.2042,  
52.4051

69.2450, 12.2042,  
52.4051

255.0000, 0.0000,  
0.0000

38.4780, 15.5403,  
55.7088

122.8000, 10.4516,  
54.5494

28.1960, 9.7634,  
41.9241

150.3980, 10.1568,  
55.7790

18.6260, 4.1284,  
29.2690

177.9960, 9.8620,  
57.0085

5.0830, -2.5059,  
10.4512

200.6250, 12.5099,  
47.6869

0.0000, 0.0000,  
0.0000

220.3670, 17.0741,  
30.3731

237.3900, 8.6817,

15.4440

254.4130, 0.2894,  
0.5148

■ 69.2450, 12.2042,  
52.4051

■ 69.2450, 12.2042,  
52.4051

■ 61.0440, 13.7823,  
59.5974

■ 77.4460, 10.6261,  
45.2129

■ 52.8430, 15.3604,  
66.7897

■ 85.6470, 9.0480,  
38.0206

■ 47.8050, 16.3651,  
71.2080

■ 93.7340, 7.0331,  
30.9283

■ 101.9350, 5.4550,  
23.7360

■ 109.5490, 4.1663,  
17.0585

■ 117.7500, 2.5882,  
9.8663

■ 125.8370, 0.5734,  
2.7740

■ 134.0380, -1.0047,  
-4.4183

■ 142.2390, -2.5828,  
-11.6106

# Harmonies

## Analogous

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



74.8800, 25.6952, 18.5222



69.2450, 12.2042, 52.4051



65.3700, -4.1264, 63.6965

# Triad

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



69.2450, 12.2042, 52.4051



67.0260, -33.0438, 5.2392



65.9060, 29.1333, -57.7996

# Complementary

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



69.2450, 12.2042, 52.4051



93.7550, -12.2042, -52.4051

# 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.



62.5030, 13.5560, -54.8151



69.2450, 12.2042, 52.4051



57.9230, -23.6260, -28.8735

# Square

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



69.2450, 12.2042, 52.4051



68.9630, -33.9988, 31.6044



57.4700, -3.1897, -50.4012



65.2510, 39.3163, -57.2251



# Rectangle

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



69.2450, 12.2042, 52.4051



67.0090, -16.7664, 57.8741



57.4700, -3.1897, -50.4012



65.2390, 24.0392, -57.2146

# Sweetspot

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



69.2450, 12.2042, 52.4051



144.7990, 5.0291, 20.3473



55.2950, 36.3366, 12.0193



70.1740, 2.8722, 12.1254



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



69.2450, 12.2042, 52.4051



74.9680, 19.2428, 81.5891



63.8870, -8.3253, 57.1041



59.5490, 0.7153, 3.9035



47.5060, 16.5125, 70.5932



0.0000, 0.0000, 0.0000



# Inverse Universe

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



69.2450, 12.2042, 52.4051



74.9680, 19.2428, 81.5891



99.1130, 8.3253, -57.1041



59.5490, 0.7153, 3.9035



47.5060, 16.5125, 70.5932

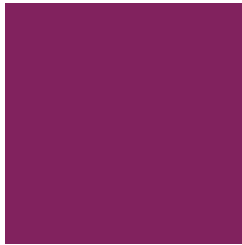


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 69.2450, 12.2042, 52.4051 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

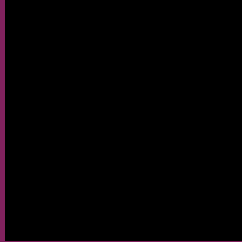
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 69.2450, 12.2042, 52.4051

## Background



This preview shows how black text looks on a background with the YUV color 69.2450, 12.2042, 52.4051.



This preview shows how white text looks on a background with the YUV color 69.2450, 12.2042,



# 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

69.2450, 12.2042, 52.4051

### Protanopia

73.0190, 24.6406, -16.6797

### Deuteranopia

74.5360, 7.1308, -0.4701



## Tritanopia

70.9630, -10.3348, 48.2674

# Trichromacy



## Original Color

69.2450, 12.2042, 52.4051

## Protanomaly

71.6200, 19.9073, 8.2263

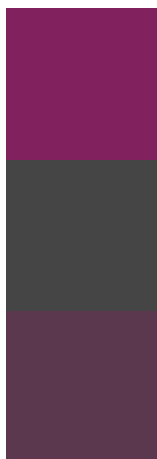
## Deuteranomaly

72.5260, 9.1077, 18.8327

## Tritanomaly

70.1510, -2.0464, 49.8566

# Monochromacy



## Original Color

69.2450, 12.2042, 52.4051

## Achromatopsia

69.0000, 0.0000, 0.0000

## Achromatomaly

68.9730, 4.4503, 19.3177

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.2450, 12.2042, 52.4051 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(129, 34, 94)` looks like.

```
.text, #text, p{  
    color:rgb(129, 34, 94)  
}
```

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(129, 34, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 34, 94) }
```

## Border

The CSS property to change the border of an element to YUV 69.2450, 12.2042, 52.4051 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(129, 34, 94) }
```



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

```
.border{ border-color:rgb(129, 34, 94) }
```

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

Here you see how a box with a 4 pixel rgb(129, 34, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 34, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 34, 94);  
box-shadow:4px 4px 4px 4px rgb(129, 34,  
94) }
```

# Background

The CSS property to change the background color of an element to YUV 69.2450, 12.2042, 52.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 34, 94) }
```

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

```
.background{ background-color: rgb(129, 34,  
94) }
```

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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