

# Converting Colors

YUV(74.8850, 55.2727, 51.8439)

Have a look what the booklet for  
YUV(74.8850, 55.2727, 51.8439)  
contains.

<b>YUV(74.8850, 55.2727, 51.8439)</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(74.8850, 55.2727,  
51.8439)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8617BB
RGB	134, 23, 187
RGB Percent	53%, 9%, 73%
CMY	0.4745, 0.9098, 0.2667
CMYK	0.28, 0.88, 0.00, 0.27
HSL	281°, 78%, 41%
HSV	281°, 88%, 73%
XYZ	19.1076, 9.2690, 47.7957
YIQ	74.8850, 13.5120, 74.5360

# Conversions

## Conversions Part 2

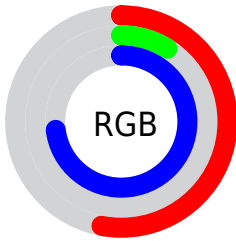
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 23, 187
Decimal	8787899
CIELab	36.50, 66.62, -61.49
CIElCh	36, 90.660, 317.296
Yxy	9.2690, 0.2508, 0.1217
Android (android.graphics.Color)	4286977979 (0xFF8617BB)
YUV	74.8850, 55.2727, 51.8439
Hunter-Lab	30.4450, 58.7494, -71.7681

# Details

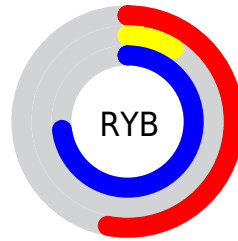
The YUV color **74.8850, 55.2727, 51.8439** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **135.1150, -55.2727, -51.8439**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7060, 53.3889, 49.3698**, and **38.1850, 46.7438, 34.0408** is the 20% darker color. If you saturate the color by 10%, you get **61.9380, 61.6556, 57.9364**, and if you desaturate by 10%, it is **87.8320, 48.8898, 45.7513**.

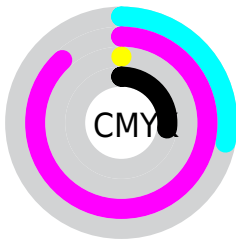
# Distribution



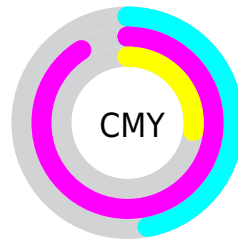
- Red (53%)
- Green (9%)
- Blue (73%)



- Red (53%)
- Yellow (9%)
- Blue (73%)



- Cyan (28%)
- Magenta (88%)
- Yellow (0%)
- Black (27%)



- Cyan (47%)
- Magenta (91%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.8850, 55.2727, 51.8439 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 74.8850, 55.2727, 51.8439 by changing the saturation by 10% instead.



■ 74.8850, 55.2727,  
51.8439

■ 74.8850, 55.2727,  
51.8439

■ 255.0000, 0.0000,  
0.0000

■ 49.5210, 53.9731,  
48.6551

■ 135.7060, 53.3889,  
49.3698

■ 38.1850, 46.7438,  
34.0408

■ 162.3660, 45.6686,  
52.2990

■ 26.1370, 39.3725,  
18.2969

■ 187.7720, 33.1434,  
56.3280

■ 13.4200, 33.3169,  
0.5087

■ 205.1050, 24.5982,  
43.7579

■ 6.4980, 24.8975,  
-5.6987

■ 222.1280, 16.2059,  
28.8287

■ 5.1640, 14.7091,  
-4.5288

■ 239.1510, 7.8136,

■ 1.0260, 3.9312,

13.8996

-0.8998

■ 0.0000, 0.0000,  
0.0000

■ 74.8850, 55.2727,  
51.8439

■ 74.8850, 55.2727,  
51.8439

■ 61.9380, 61.6556,  
57.9364

■ 87.8320, 48.8898,  
45.7513

■ 59.2910, 62.9605,  
59.3808

■ 100.1920, 42.7963,  
40.1736

■ 113.1390, 36.4135,  
34.0811

■ 126.0860, 30.0306,  
27.9886

■ 139.0330, 23.6477,  
21.8961

■ 151.3930, 17.5543,  
16.3183

■ 164.3400, 11.1714,  
10.2258

■ 177.2870, 4.7885,  
4.1333

■ 189.6470, -1.3050,  
-1.4444

# Harmonies

## Analogous

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



74.8270, 76.0073, -65.6233



74.8850, 55.2727, 51.8439



71.3870, 23.9662, 106.6546

# Triad

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



74.8850, 55.2727, 51.8439



80.8460, -39.8571, 43.9851



80.3360, 23.4984, -70.4547

# Complementary

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



74.8850, 55.2727, 51.8439



135.1150, -55.2727, -51.8439

# 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.



70.3840, -9.5563, -61.7268



74.8850, 55.2727, 51.8439



75.2000, -37.0736, -8.9454

# Square

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



74.8850, 55.2727, 51.8439



53.2220, -26.2384, 109.4303



62.2220, -30.6754, -54.5687



87.8600, 52.3270, -77.0532



# Rectangle

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



74.8850, 55.2727, 51.8439



69.2040, 1.3784, 118.2161



62.2220, -30.6754, -54.5687



77.4860, 12.5784, -67.9552

# Sweetspot

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



74.8850, 55.2727, 51.8439



199.0390, 21.1798, 20.1368



73.9810, 55.7184, -44.7103



96.1060, 12.7657, 12.1850



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



74.8850, 55.2727, 51.8439



76.6240, 81.5304, 76.6288



87.6540, 35.6666, 87.1264



87.8200, 3.0467, 2.7889



50.0050, 53.2415, 49.9846



9.8130, 10.4452, 9.8110



# Inverse Universe

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



78.0780, -1.0245, 95.5246



81.2500, -1.6022, 140.9777



122.3460, -35.6666, -87.1264



88.0330, -0.0163, 5.2331



53.0560, -1.0136, 92.0359

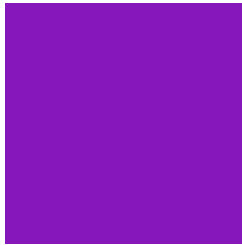


10.4090, -0.2016, 18.0583



# Previews

## White Background



This preview shows how the YUV color 74.8850, 55.2727, 51.8439 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

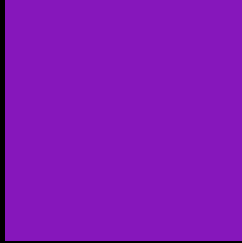
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 74.8850, 55.2727, 51.8439 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

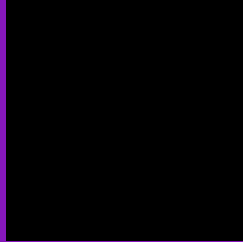
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 74.8850, 55.2727, 51.8439

## Background



This preview shows how black text looks on a background with the YUV color 74.8850, 55.2727, 51.8439.



This preview shows how white text looks on a background with the YUV color 74.8850, 55.2727,



# 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

74.8850, 55.2727, 51.8439

### Protanopia

69.4860, 53.0044, -60.9392

### Deuteranopia

69.7990, 41.5111, -61.2137



## Tritanopia

87.9430, -3.4229, 24.6060

# Trichromacy



## Original Color

74.8850, 55.2727, 51.8439



## Protanomaly

71.6790, 53.8953, -19.8895



## Deuteranomaly

71.7300, 46.4751, -19.9342



## Tritanomaly

83.3290, 18.0788, 34.7915

# Monochromacy



## Original Color

74.8850, 55.2727, 51.8439



## Achromatopsia

75.0000, 0.0000, 0.0000



## Achromatomaly

74.8000, 20.3116, 18.5924

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.8850, 55.2727, 51.8439 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(134, 23, 187)` looks like.

```
.text, #text, p{  
    color:rgb(134, 23, 187)  
}
```

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(134, 23, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 23, 187) }
```

## Border

The CSS property to change the border of an element to YUV 74.8850, 55.2727, 51.8439 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(134, 23, 187) }
```



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

```
.border{ border-color:rgb(134, 23, 187) }
```

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

Here you see how a box with a 4 pixel rgb(134, 23, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 23, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 23, 187);  
box-shadow:4px 4px 4px 4px rgb(134, 23,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 74.8850, 55.2727, 51.8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 23, 187) }
```

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

```
.background{ background-color: rgb(134, 23,  
187) }
```

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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