

# Converting Colors

YUV(138.5470, 23.8873,  
-8.3727)

Have a look what the booklet for  
YUV(138.5470, 23.8873, -8.3727)  
contains.

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# Color

**YUV(138.5470, 23.8873,  
-8.3727)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8186BB
RGB	129, 134, 187
RGB Percent	51%, 53%, 73%
CMY	0.4941, 0.4745, 0.2667
CMYK	0.31, 0.28, 0.00, 0.27
HSL	235°, 30%, 62%
HSV	235°, 31%, 73%
XYZ	26.5480, 25.3052, 50.4989
YIQ	138.5470, -19.9930, 15.4230

# Conversions

## Conversions Part 2

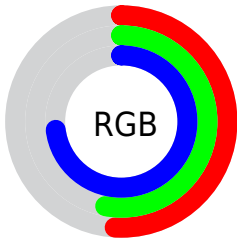
Format	Color
R <sub>Y</sub> B	129, 134, 187
Decimal	8488635
CIE Lab	57.37, 10.58, -28.31
CIE LCh	57, 30.222, 290.497
Yxy	25.3052, 0.2594, 0.2472
Android (android.graphics.Color)	4286678715 (0xFF8186BB)
YUV	138.5470, 23.8873, -8.3727
Hunter-Lab	50.3043, 6.1707, -24.3064

# Details

The YUV color  $138.5470, 23.8873, -8.3727$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $177.4530, -23.8873, 8.3727$ , and the grayscale version is  $138.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $192.1880, 25.0503, -8.0579$ , and  $88.4930, 22.4350, -9.2024$  is the 20% darker color. If you saturate the color by 10%, you get  $122.8870, 31.6077, -11.3019$ , and if you desaturate by 10%, it is  $154.2070, 16.1669, -5.4435$ .

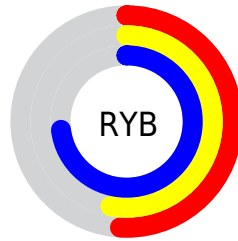
# Distribution



Red (51%)

Green (53%)

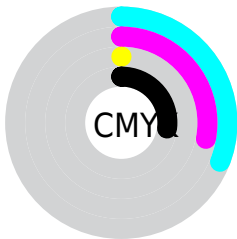
Blue (73%)



Red (51%)

Yellow (53%)

Blue (73%)

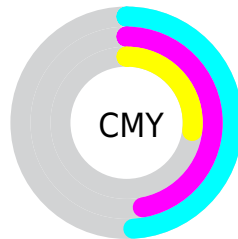


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (47%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.5470, 23.8873, -8.3727 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 138.5470, 23.8873, -8.3727 by changing the saturation by 10% instead.



■ 138.5470, 23.8873,  
-8.3727

■ 138.5470, 23.8873,  
-8.3727

■ 255.0000, 0.0000,  
0.0000

■ 113.0200, 23.1611,  
-8.7875

■ 192.1880, 25.0503,  
-8.0579

■ 88.4930, 22.4350,  
-9.2024

■ 218.3640, 18.0615,  
-6.4582

■ 64.5530, 21.4194,  
-10.1320

■ 243.4710, 5.6838,  
-3.0441

■ 41.1290, 21.1354,  
-12.3911

■ 18.5800, 20.4201,  
-16.2947

■ 6.0930, 15.7302,  
-5.3436

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,  
0.0000

■ 138.5470, 23.8873,  
-8.3727

■ 138.5470, 23.8873,  
-8.3727

■ 122.8870, 31.6077,  
-11.3019

■ 154.2070, 16.1669,  
-5.4435

■ 107.5260, 39.1807,  
-13.6163

■ 169.5680, 8.5940,  
-3.1291

■ 91.8660, 46.9011,  
-16.5455

■ 185.2280, 0.8736,  
-0.2000

■ 76.2060, 54.6214,  
-19.4747

■ 200.8880, -6.8468,  
2.7292

■ 60.5460, 62.3418,  
-22.4038

■ 216.5480,  
-14.5672, 5.6584

■ 44.5980, 70.2042,  
-24.2034

■ 232.4960,  
-22.4295, 7.4580

■ 30.7100, 77.0510,  
-26.9327

■ 246.6610,  
-29.4129, 7.3133

■ 247.2480,  
-29.7023, 6.7985

# Harmonies

## Analogous

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



131.5000, 28.3475, -39.0265



138.5470, 23.8873, -8.3727



141.7200, 14.9280, 18.6626

# Triad

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



138.5470, 23.8873, -8.3727



138.3780, -19.9064, 38.2565



125.3550, 1.3040, -45.0383

# Complementary

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



138.5470, 23.8873, -8.3727



177.4530, -23.8873, 8.3727

# 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.



130.6110, -13.6122, -20.7068



138.5470, 23.8873, -8.3727



136.6120, -24.9517, 23.1423

# Square

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



138.5470, 23.8873, -8.3727



139.8700, -9.3029, 43.9640



134.3490, -22.8501, 2.3249



119.7510, 17.3778, -67.3106



# Rectangle

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



138.5470, 23.8873, -8.3727



141.4460, 7.1751, 32.0579



134.3490, -22.8501, 2.3249



127.6180, -4.2487, -37.3760

# Sweetspot

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



138.5470, 23.8873, -8.3727



223.6820, 9.0308, -3.2291



168.9740, 5.9288, -35.0572



111.0690, 5.3890, -1.8145



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.



138.5470, 23.8873, -8.3727



167.2550, 36.8493, -12.5016



142.4890, 21.9439, 8.3411



86.6130, 3.6418, -1.4146



26.2300, 64.9626, -23.0037



5.2950, 12.6726, -4.6437



# Inverse Universe

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



146.9120, -6.3656, 35.1572



180.4090, -10.0616, 54.0153



173.5110, -21.9439, -8.3411



87.8050, -0.8899, 5.4330



48.8380, -17.1751, 95.7351



9.6110, -3.2592, 18.7582



# Previews

## White Background



This preview shows how the YUV color 138.5470, 23.8873, -8.3727 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

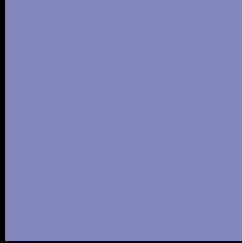
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.5470, 23.8873, -8.3727 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

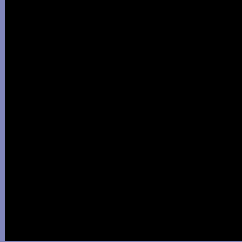
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 138.5470, 23.8873, -8.3727

## Background



This preview shows how black text looks on a background with the YUV color 138.5470, 23.8873, -8.3727.



This preview shows how white text looks on a background with the YUV color 138.5470, 23.8873, -8.3727.

-8.3727.

# 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

138.5470, 23.8873, -8.3727

### Protanopia

137.7420, 24.7772, -13.8057

### Deuteranopia

137.9270, 24.1930, -13.0910



## Tritanopia

136.5730, 7.6055, -12.7805

# Trichromacy



## Original Color

138.5470, 23.8873, -8.3727

## Protanomaly

138.0520, 24.6244, -11.4466

## Deuteranomaly

137.9380, 24.1876, -11.3466

## Tritanomaly

137.1910, 13.7098, -10.6915

# Monochromacy



## Original Color

138.5470, 23.8873, -8.3727

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.5680, 8.5940, -3.1291

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.5470, 23.8873, -8.3727 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, 134, 187)` looks like.

```
.text, #text, p{  
    color:rgb(129, 134, 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(129, 134, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 134, 187) }
```

## Border

The CSS property to change the border of an element to YUV 138.5470, 23.8873, -8.3727 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, 134, 187) }
```



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

```
.border{ border-color:rgb(129, 134, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 134, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 134, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 134, 187);  
box-shadow:4px 4px 4px 4px rgb(129, 134,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 138.5470, 23.8873, -8.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 134, 187) }
```

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

```
.background{ background-color: rgb(129,  
134, 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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