

# Converting Colors

YUV(123.0530, 6.3829, 6.0925)

Have a look what the booklet for  
YUV(123.0530, 6.3829, 6.0925)  
contains.

<b>YUV(123.0530, 6.3829, 6.0925)</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(123.0530, 6.3829,  
6.0925)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827588
RGB	130, 117, 136
RGB Percent	51%, 46%, 53%
CMY	0.4902, 0.5412, 0.4667
CMYK	0.04, 0.14, 0.00, 0.47
HSL	281°, 8%, 50%
HSV	281°, 14%, 53%
XYZ	20.0111, 19.2460, 25.9527
YIQ	123.0530, 1.6490, 8.6650

# Conversions

## Conversions Part 2

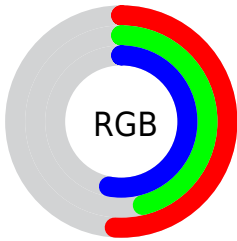
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 117, 136
Decimal	8549768
CIE Lab	50.97, 8.77, -8.53
CIE LCh	51, 12.236, 315.788
Yxy	19.2460, 0.3069, 0.2951
Android (android.graphics.Color)	4286739848 (0xFF827588)
YUV	123.0530, 6.3829, 6.0925
Hunter-Lab	43.8702, 4.6488, -4.3655

# Details

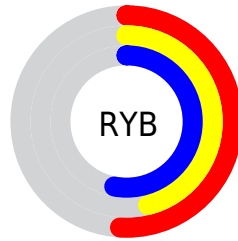
The YUV color  $123.0530, 6.3829, 6.0925$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $129.9470, -6.3829, -6.0925$ , and the grayscale version is  $123.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $175.4660, 6.6723, 6.6073$ , and  $74.5260, 5.6567, 5.6777$  is the 20% darker color. If you saturate the color by 10%, you get  $113.6390, 11.0240, 10.8406$ , and if you desaturate by 10%, it is  $132.4670, 1.7418, 1.3444$ .

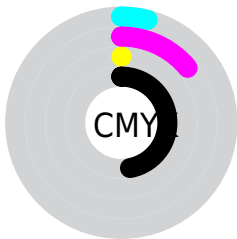
# Distribution



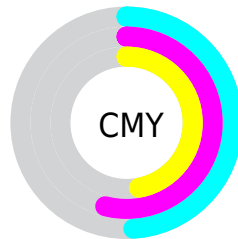
- Red (51%)
- Green (46%)
- Blue (53%)



- Red (51%)
- Yellow (46%)
- Blue (53%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (54%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.0530, 6.3829, 6.0925 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 123.0530, 6.3829, 6.0925 by changing the saturation by 10% instead.



■ 123.0530, 6.3829,  
6.0925

■ 123.0530, 6.3829,  
6.0925

■ 255.0000, 0.0000,  
0.0000

■ 98.0530, 6.3829,  
6.0925

■ 175.4660, 6.6723,  
6.6073

■ 74.5260, 5.6567,  
5.6777

■ 202.8790, 6.9617,  
7.1221

■ 51.5260, 5.6567,  
5.6777

■ 230.9930, 7.3985,  
7.0221

■ 30.7000, 5.0779,  
4.6481

■ 253.8260, 0.5788,  
1.0296

■ 7.1780, 6.8142,  
7.7369

■ 0.0000, 0.0000,  
0.0000

123.0530, 6.3829,  
6.0925

123.0530, 6.3829,  
6.0925

113.6390, 11.0240,  
10.8406

132.4670, 1.7418,  
1.3444

104.5130, 15.5231,  
14.4591

141.5930, -2.7573,  
-2.2741

95.0990, 20.1642,  
19.2072

151.0070, -7.3985,  
-7.0221

86.2720, 24.5159,  
23.4405

159.8340,  
-11.7502, -11.2554

76.8580, 29.1570,  
28.1885

169.2480,  
-16.3913, -16.0035

67.1450, 33.9455,  
32.3218

178.9610,  
-21.1798, -20.1368

58.3180, 38.2972,  
36.5551

187.7880,  
-25.5315, -24.3701

48.9040, 42.9383,

197.2020,

41.3032

-30.1726, -29.1182

■ 43.3110, 45.6957,  
43.5773

■ 206.3280,  
-34.6717, -32.7367

# Harmonies

## Analogous

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



121.4970, 9.6150, -3.9439



123.0530, 6.3829, 6.0925



123.5440, 1.7038, 13.5549

# Triad

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



123.0530, 6.3829, 6.0925



121.4330, -10.0735, 11.0213



118.0190, 4.4276, -20.1877

# Complementary

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



123.0530, 6.3829, 6.0925



129.9470, -6.3829, -6.0925

# 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.



117.9720, -0.9722, -14.8844



123.0530, 6.3829, 6.0925



120.2040, -9.4676, 3.3291

# Square

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



123.0530, 6.3829, 6.0925



122.7480, -7.7638, 16.8840



119.0610, -5.9461, -6.1925



118.1700, 8.7902, -19.4431



# Rectangle

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



123.0530, 6.3829, 6.0925



123.3550, -1.6540, 17.2287



119.0610, -5.9461, -6.1925



117.8620, 2.5330, -19.1730

# Sweetspot

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



123.0530, 6.3829, 6.0925



171.2930, 2.3206, 2.3740



122.6880, 6.5628, -4.9884



86.3530, 1.3050, 1.4444



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



123.0530, 6.3829, 6.0925



155.6990, 10.0084, 9.9110



124.5050, 4.1880, 10.0811



64.2930, 2.3206, 2.3740



42.3710, 44.6801, 42.6476



1.4670, 1.7418, 1.3444



# Inverse Universe

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



123.3650, -0.1799, 11.0809



155.9960, -0.4910, 17.5435



128.4950, -4.1880, -10.0811



64.3210, -0.1583, 4.1035



44.5550, -1.2596, 77.5663



1.7230, 0.1366, 2.8739



# Previews

## White Background



This preview shows how the YUV color 123.0530, 6.3829, 6.0925 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 123.0530, 6.3829, 6.0925 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 123.0530, 6.3829, 6.0925

## Background



This preview shows how black text looks on a background with the YUV color 123.0530, 6.3829, 6.0925.



This preview shows how white text looks on a background with the YUV color 123.0530, 6.3829,



# 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

123.0530, 6.3829, 6.0925

### Protanopia

122.3400, 7.7204, -2.9292

### Deuteranopia

122.7430, 6.5357, 3.7334



## Tritanopia

122.4290, 2.7465, 5.7628

# Trichromacy



## Original Color

123.0530, 6.3829, 6.0925

## Protanomaly

122.8350, 6.9833, 0.1447

## Deuteranomaly

123.0420, 6.3883, 4.3482

## Tritanomaly

122.7710, 4.0569, 5.4628

# Monochromacy



## Original Color

123.0530, 6.3829, 6.0925

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.2930, 2.3206, 2.3740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.0530, 6.3829, 6.0925 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(130, 117, 136)` looks like.

```
.text, #text, p{  
    color:rgb(130, 117, 136)  
}
```

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(130, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 117, 136) }
```

## Border

The CSS property to change the border of an element to YUV 123.0530, 6.3829, 6.0925 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(130, 117, 136) }
```



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

```
.border{ border-color:rgb(130, 117, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 117, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(130, 117,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 123.0530, 6.3829, 6.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 117, 136) }
```

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

```
.background{ background-color: rgb(130,  
117, 136) }
```

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