

# Converting Colors

YUV(129.0420, -3.9647,  
-35.1168)

Have a look what the booklet for  
YUV(129.0420, -3.9647, -35.1168)  
contains.

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# Color

**YUV(129.0420, -3.9647,  
-35.1168)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	599779
RGB	89, 151, 121
RGB Percent	35%, 59%, 47%
CMY	0.6510, 0.4078, 0.5255
CMYK	0.41, 0.00, 0.20, 0.41
HSL	151°, 26%, 47%
HSV	151°, 41%, 59%
XYZ	18.6376, 25.6375, 22.0554
YIQ	129.0420, -27.3220, -22.4740

# Conversions

## Conversions Part 2

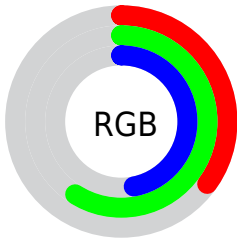
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 130, 151
Decimal	5871481
CIELab	57.69, -27.15, 9.60
CIELCh	58, 28.798, 160.535
Yxy	25.6375, 0.2810, 0.3865
Android (android.graphics.Color)	4284061561 (0xFF599779)
YUV	129.0420, -3.9647, -35.1168
Hunter-Lab	50.6335, -22.9049, 9.6174

# Details

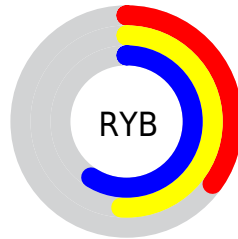
The YUV color  $129.0420, -3.9647, -35.1168$  is a dark color, and the websafe version is hex  $669966$ . A complement of this color would be  $110.9580, 3.9647, 35.1168$ , and the grayscale version is  $129.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $183.1020, -4.9803, -36.0465$ , and  $77.9710, -2.9437, -35.9316$  is the 20% darker color. If you saturate the color by 10%, you get  $123.7590, -4.8112, -43.6386$ , and if you desaturate by 10%, it is  $134.3250, -3.1182, -26.5950$ .

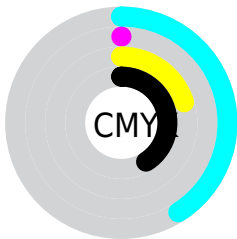
# Distribution



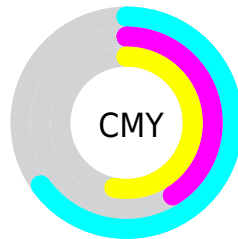
- Red (35%)
- Green (59%)
- Blue (47%)



- Red (35%)
- Yellow (51%)
- Blue (59%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 129.0420, -3.9647, -35.1168 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 129.0420, -3.9647, -35.1168 by changing the saturation by 10% instead.





 129.0420, -3.9647,  
-35.1168


 129.0420, -3.9647,  
-35.1168


255.0000, 0.0000,  
0.0000

 103.1560, -3.5279,  
-35.2168


 183.1020, -4.9803,  
-36.0465

 77.9710, -2.9437,  
-35.9316


 210.8030, -4.8329,  
-36.6612

 51.5190, -0.7489,  
-39.9202

 234.6940, -2.8071,  
-33.0576

 33.8300, -2.3812,  
-29.6689

 246.0300, 4.4222,  
-18.4433

 19.1260, -7.9501,  
-16.7735

254.7010, 0.1474,  
-0.6148

 0.0000, 0.0000,  
0.0000

■ 129.0420, -3.9647,  
-35.1168

■ 129.0420, -3.9647,  
-35.1168

■ 123.7590, -4.8112,  
-43.6386

■ 134.3250, -3.1182,  
-26.5950

■ 118.3620, -6.0945,  
-52.0605

■ 139.7220, -1.8349,  
-18.1732

■ 113.0790, -6.9409,  
-60.5823

■ 145.0050, -0.9885,  
-9.6514

■ 107.7960, -7.7874,  
-69.1041

■ 150.2880, -0.1420,  
-1.1296

■ 102.3990, -9.0707,  
-77.5259

■ 155.6850, 1.1413,  
7.2923

■ 97.5290, -9.6278,  
-85.5329

■ 161.2670, 1.8404,  
16.4288

■ 166.5500, 2.6868,  
24.9506

■ 171.8330, 3.5333,

33.4725

■ 177.2300, 4.8166,  
41.8943

# Harmonies

## Analogous

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



133.2700, -16.4021, -12.5148



129.0420, -3.9647, -35.1168



123.9220, 11.3775, -56.0596

# Triad

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



129.0420, -3.9647, -35.1168



137.7200, 24.7880, -17.2944



139.7140, -16.1280, 39.7158

# Complementary

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



129.0420, -3.9647, -35.1168



110.9580, 3.9647, 35.1168

# 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.



140.9990, -4.9295, 41.2199



129.0420, -3.9647, -35.1168



141.6480, 17.4285, 9.9557

# Square

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



129.0420, -3.9647, -35.1168



130.4130, 26.9114, -45.0892



142.6200, 6.5963, 31.0283



138.2150, -22.7840, 27.8754



# Rectangle

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



129.0420, -3.9647, -35.1168



122.7560, 19.8403, -63.8070



142.6200, 6.5963, 31.0283



140.5230, -13.0758, 40.7603

# Sweetspot

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



129.0420, -3.9647, -35.1168



187.8690, -1.4144, -13.0401



134.6630, -22.5119, -12.8595



94.4290, -0.7045, -7.3922



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



129.0420, -3.9647, -35.1168



162.0520, -5.9416, -54.4196



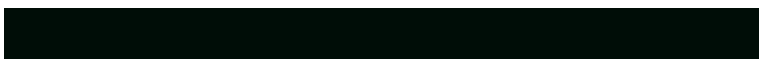
132.4620, 9.1392, -38.1162



74.1520, -0.5679, -4.5183



90.3880, -9.0653, -79.2703



8.4290, -0.7045, -7.3922



# Inverse Universe

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



110.9580, 3.9647, 35.1168



134.0620, 6.3784, 54.3196



107.5380, -9.1392, 38.1162



71.8480, 0.5679, 4.5183



49.6120, 9.0653, 79.2703



4.5710, 0.7045, 7.3922



# Previews

## White Background



This preview shows how the YUV color 129.0420, -3.9647, -35.1168 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 129.0420, -3.9647, -35.1168 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

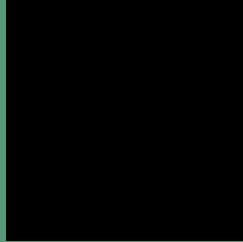
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 129.0420, -3.9647, -35.1168

## Background



This preview shows how black text looks on a background with the YUV color 129.0420, -3.9647, -35.1168.



This preview shows how white text looks on a background with the YUV color 129.0420, -3.9647, -35.1168.

-35.1168.

# 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

129.0420, -3.9647, -35.1168

### Protanopia

137.6560, -11.6624, 7.3177

### Deuteranopia

138.9650, -6.8847, 14.9397



## Tritanopia

133.0160, 12.3171, -30.7090

# Trichromacy



## Original Color

129.0420, -3.9647, -35.1168

## Protanomaly

134.6540, -8.7034, -8.4666

## Deuteranomaly

135.7840, -5.8095, -3.3186

## Tritanomaly

131.8110, 6.5022, -32.2832

# Monochromacy



## Original Color

129.0420, -3.9647, -35.1168

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

128.8690, -1.4144, -13.0401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.0420, -3.9647, -35.1168 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(89, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(89, 151, 121)  
}
```

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(89, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 151, 121) }
```

## Border

The CSS property to change the border of an element to YUV 129.0420, -3.9647, -35.1168 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(89, 151, 121) }
```



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

```
.border{ border-color:rgb(89, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(89, 151,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 129.0420, -3.9647, -35.1168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 151, 121) }
```

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

```
.background{ background-color: rgb(89, 151,  
121) }
```

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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