

# Converting Colors

YUV(139.6220, -10.1666,  
-5.8075)

Have a look what the booklet for  
YUV(139.6220, -10.1666, -5.8075)  
contains.

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# Color

**YUV(139.6220, -10.1666,  
-5.8075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	859377
RGB	133, 147, 119
RGB Percent	52%, 58%, 47%
CMY	0.4784, 0.4235, 0.5333
CMYK	0.10, 0.00, 0.19, 0.42
HSL	90°, 11%, 52%
HSV	90°, 19%, 58%
XYZ	23.4364, 27.1859, 21.4649
YIQ	139.6220, 0.6440, -11.6760

# Conversions

## Conversions Part 2

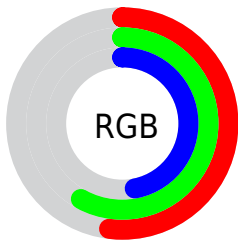
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 147, 133
Decimal	8754039
CIE <sub>Lab</sub>	59.15, -10.37, 13.16
CIE <sub>LCh</sub>	59, 16.756, 128.232
Yxy	27.1859, 0.3251, 0.3771
Android (android.graphics.Color)	4286944119 (0xFF859377)
YUV	139.6220, -10.1666, -5.8075
Hunter-Lab	52.1401, -11.0115, 12.0897

# Details

The YUV color  $139.6220, -10.1666, -5.8075$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $126.3780, 10.1666, 5.8075$ , and the grayscale version is  $140.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $193.0950, -10.8928, -6.2223$ , and  $89.2630, -9.0037, -5.4927$  is the 20% darker color. If you saturate the color by 10%, you get  $135.8190, -15.6868, -8.6113$ , and if you desaturate by 10%, it is  $143.4250, -4.6465, -3.0037$ .

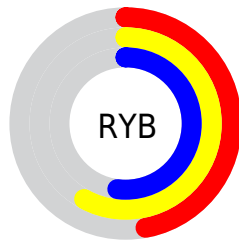
# Distribution



Red (52%)

Green (58%)

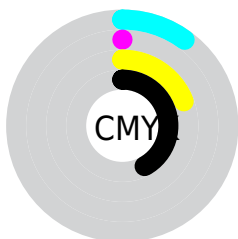
Blue (47%)



Red (47%)

Yellow (58%)

Blue (52%)

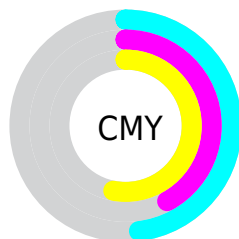


Cyan (10%)

Magenta (0%)

Yellow (19%)

Black (42%)



Cyan (48%)

Magenta (42%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.6220, -10.1666, -5.8075 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 139.6220, -10.1666, -5.8075 by changing the saturation by 10% instead.



■ 139.6220,  
-10.1666, -5.8075

■ 139.6220,  
-10.1666, -5.8075

■ 255.0000, 0.0000,  
0.0000

■ 114.0350, -9.8773,  
-5.2927

■ 193.0950,  
-10.8928, -6.2223

■ 89.2630, -9.0037,  
-5.4927

■ 221.0950,  
-10.8928, -6.2223

■ 66.2630, -9.0037,  
-5.4927

■ 247.9210,  
-10.3141, -5.1927

■ 43.7900, -8.2775,  
-5.0778

■ 22.8180, -10.7563,  
-3.3484

■ 0.0000, 0.0000,  
0.0000

■ 139.6220,  
-10.1666, -5.8075

■ 139.6220,  
-10.1666, -5.8075

■ 135.8190,  
-15.6868, -8.6113

■ 143.4250, -4.6465,  
-3.0037

■ 131.8310,  
-20.6227, -12.1298

■ 147.4130, 0.2894,  
0.5148

■ 128.0280,  
-26.1428, -14.9336

■ 151.2160, 5.8095,  
3.3186

■ 124.2250,  
-31.6629, -17.7373

■ 155.0190, 11.3296,  
6.1223

■ 120.2370,  
-36.5988, -21.2558

■ 159.1210, 16.7023,  
9.5409

■ 116.4340,  
-42.1190, -24.0596

■ 162.8100, 21.7857,  
12.4446

■ 112.6310,  
-47.6391, -26.8634


■ 166.6130, 27.3058,  
15.2484


■ 108.5290,

■ 170.7150, 32.6785,

-53.0118, -30.2819

18.6669

 108.4150,  
-53.4486, -30.1820

 174.4040, 37.7618,  
21.5707

# Harmonies

## Analogous

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



141.6730, -14.1358, 7.3028



139.6220, -10.1666, -5.8075



137.9670, -3.4347, -18.3881

# Triad

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



139.6220, -10.1666, -5.8075



139.3420, 14.6214, -23.1019



145.0570, -2.9861, 24.5060

# Complementary

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



139.6220, -10.1666, -5.8075



126.3780, 10.1666, 5.8075

# 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.



144.9620, 4.4557, 17.5733



139.6220, -10.1666, -5.8075



142.0170, 14.2886, -9.6619

# Square

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



139.6220, -10.1666, -5.8075



137.0870, 11.2961, -29.8943



144.0790, 10.3141, 5.1927



144.3360, -9.5326, 24.2613



# Rectangle

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



139.6220, -10.1666, -5.8075



137.0030, 1.9705, -25.4356



144.0790, 10.3141, 5.1927



145.0290, -0.5073, 22.7766

# Sweetspot

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



139.6220, -10.1666, -5.8075



188.2510, -4.0677, -1.9741



135.5900, -8.1789, 10.0066



95.3050, -2.6154, -1.1445



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



139.6220, -10.1666, -5.8075



179.4060, -15.9762, -9.1261



135.4360, -8.1029, -14.4144



72.0060, -2.4680, -1.7593



101.6370, -50.1070, -28.6226



7.3650, -3.6309, -2.0741



# Inverse Universe

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



126.3780, 10.1666, 5.8075



158.5940, 15.9762, 9.1261



130.5640, 8.1029, 14.4144



68.6950, 2.6154, 1.1445



36.3630, 50.1070, 28.6226



2.6350, 3.6309, 2.0741



# Previews

## White Background



This preview shows how the YUV color 139.6220, -10.1666, -5.8075 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 139.6220, -10.1666, -5.8075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

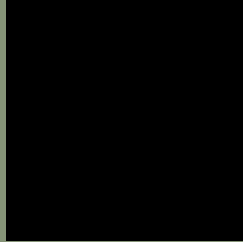
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.6220, -10.1666, -5.8075

## Background



This preview shows how black text looks on a background with the YUV color 139.6220, -10.1666, -5.8075.



This preview shows how white text looks on a background with the YUV color 139.6220, -10.1666, -5.8075.

-5.8075.

# 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

139.6220, -10.1666, -5.8075

### Protanopia

141.5420, -12.0992, 7.4177

### Deuteranopia

142.9500, -10.8214, 17.5838



## Tritanopia

142.1720, 5.8312, -3.6588

# Trichromacy



## Original Color

139.6220, -10.1666, -5.8075

## Protanomaly

141.0360, -11.3567, 2.5994

## Deuteranomaly

141.8950, -10.7942, 8.8621

## Tritanomaly

141.2660, -0.1311, -4.6183

# Monochromacy



## Original Color

139.6220, -10.1666, -5.8075

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.9520, -3.9203, -2.5889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.6220, -10.1666, -5.8075 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(133, 147, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 147, 119)  
}
```

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(133, 147, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 119) }
```

## Border

The CSS property to change the border of an element to YUV 139.6220, -10.1666, -5.8075 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(133, 147, 119) }
```



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

```
.border{ border-color:rgb(133, 147, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 147, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 147, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 147, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 147,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 139.6220, -10.1666, -5.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 147, 119) }
```

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

```
.background{ background-color: rgb(133,  
147, 119) }
```

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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