

Converting Colors

YUV(63.3570, 2.2890, 59.3229)

Have a look what the booklet for
YUV(63.3570, 2.2890, 59.3229)
contains.

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Color

**YUV(63.3570, 2.2890,
59.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	831C44
RGB	131, 28, 68
RGB Percent	51%, 11%, 27%
CMY	0.4863, 0.8902, 0.7333
CMYK	0.00, 0.79, 0.48, 0.49
HSL	337°, 65%, 31%
HSV	337°, 79%, 51%
XYZ	10.8187, 6.0732, 6.0709
YIQ	63.3570, 48.5480, 34.2760

Conversions

Conversions Part 2

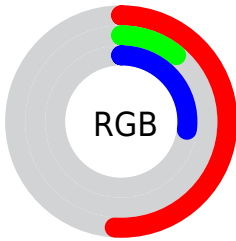
Format	Color
R_{YB}	131, 28, 68
Decimal	8592452
CIE _{Lab}	29.60, 45.78, 2.21
CIE _{LCh}	30, 45.834, 2.762
Yxy	6.0732, 0.4711, 0.2645
Android (android.graphics.Color)	4286782532 (0xFF831C44)
YUV	63.3570, 2.2890, 59.3229
Hunter-Lab	24.6438, 35.2356, 2.6449

Details

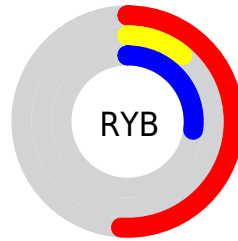
The YUV color **63.3570, 2.2890, 59.3229** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **95.6430, -2.2890, -59.3229**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1570, -1.0634, 61.2523**, and **25.5740, -0.2830, 44.2236** is the 20% darker color. If you saturate the color by 10%, you get **54.8140, 2.5567, 66.8151**, and if you desaturate by 10%, it is **71.9000, 2.0213, 51.8307**.

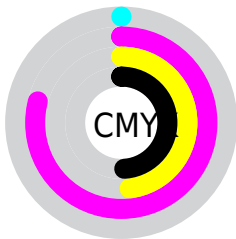
Distribution



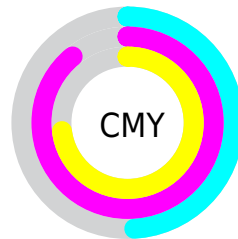
- Red (51%)
- Green (11%)
- Blue (27%)



- Red (51%)
- Yellow (11%)
- Blue (27%)



- Cyan (0%)
- Magenta (79%)
- Yellow (48%)
- Black (49%)





- Cyan (49%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.3570, 2.2890, 59.3229 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 63.3570, 2.2890, 59.3229 by changing the saturation by 10% instead.


 63.3570, 2.2890,
59.3229

 63.3570, 2.2890,
59.3229


255.0000, 0.0000,
0.0000

 36.0410, 4.9098,
58.7230


 118.1570, -1.0634,
61.2523


 25.5740, -0.2830,
44.2236

 144.9400, -1.9424,
63.1966


 16.0750, -6.9390,
32.3832

 172.8370, -2.3846,
65.0410

 0.5980, -0.2948,
1.2296

 194.1560, 0.4161,
53.3602

 0.0000, 0.0000,
0.0000

 213.7840, 4.5435,
36.1464

 233.9990, 8.3815,

18.4179

251.4780, 1.7363,
3.0888

63.3570, 2.2890,
59.3229

63.3570, 2.2890,
59.3229

54.8140, 2.5567,
66.8151

71.9000, 2.0213,
51.8307

46.2710, 2.8244,
74.3073

80.4430, 1.7536,
44.3385

44.9830, 2.9664,
75.4369

88.9860, 1.4859,
36.8463

97.5290, 1.2182,
29.3541

106.6590, 0.6611,
21.3471

■ 115.2020, 0.3934,
13.8548

■ 123.7450, 0.1257,
6.3626

■ 132.2880, -0.1420,
-1.1296

■ 140.8310, -0.4097,
-8.6218

Harmonies

Analogous

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



69.3080, 16.6102, 39.1949



63.3570, 2.2890, 59.3229



64.3400, -15.4506, 55.8298

Triad

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



63.3570, 2.2890, 59.3229



59.5400, -29.3532, -11.8746



63.2960, 34.3641, -55.5106

Complementary

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



63.3570, 2.2890, 59.3229



95.6430, -2.2890, -59.3229

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.



62.0930, 22.1392, -54.4556



63.3570, 2.2890, 59.3229



52.7110, -8.7315, -46.2275

Square

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



63.3570, 2.2890, 59.3229



65.3200, -32.2028, 15.5054



58.1030, 6.8512, -50.9563



58.9250, 40.4630, -51.6772

Rectangle

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



63.3570, 2.2890, 59.3229



65.1850, -27.2062, 46.3188



58.1030, 6.8512, -50.9563



63.0850, 31.0171, -55.3255

Sweetspot

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



63.3570, 2.2890, 59.3229



144.0830, 0.9451, 23.6062



58.2800, 35.8510, 27.8184



70.5010, 0.2460, 14.4696



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



63.3570, 2.2890, 59.3229



65.3210, 3.7857, 92.6805



64.6670, -18.0768, 58.1740



62.0220, -0.0108, 3.4887



44.6840, 3.1138, 74.8221



1.0110, -0.0054, 1.7444

Inverse Universe

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



63.3570, 2.2890, 59.3229



65.3210, 3.7857, 92.6805



94.3330, 18.0768, -58.1740



62.0220, -0.0108, 3.4887



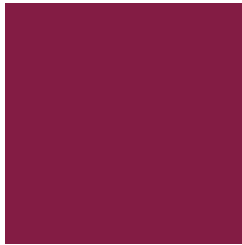
44.6840, 3.1138, 74.8221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 63.3570, 2.2890, 59.3229 looks on a white background.

Color Contrast Check

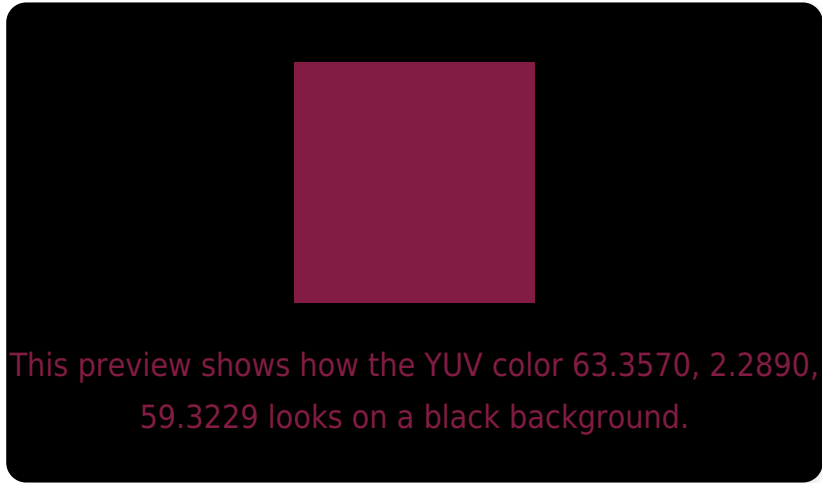
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

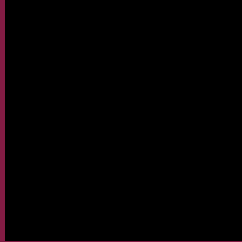
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3570, 2.2890, 59.3229

Background



This preview shows how black text looks on a background with the YUV color 63.3570, 2.2890, 59.3229.



This preview shows how white text looks on a background with the YUV color 63.3570, 2.2890,

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

63.3570, 2.2890, 59.3229

Protanopia

71.8990, 9.9098, -5.1734

Deuteranopia

71.9040, -4.3897, 7.9772



Tritanopia

64.0350, -12.8353, 56.9743

Trichromacy



Original Color

63.3570, 2.2890, 59.3229

Protanomaly

68.6570, 7.0711, 18.7178

Deuteranomaly

68.7090, -1.8285, 26.5652

Tritanomaly

63.8270, -7.3097, 58.0337

Monochromacy



Original Color

63.3570, 2.2890, 59.3229

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0720, 0.9505, 21.8619

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3570, 2.2890, 59.3229 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(131, 28, 68)` looks like.

```
.text, #text, p{  
    color:rgb(131, 28, 68)  
}
```

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(131, 28, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 28, 68) }
```

Border

The CSS property to change the border of an element to YUV 63.3570, 2.2890, 59.3229 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(131, 28, 68) }
```


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

```
.border{ border-color:rgb(131, 28, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 28, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 28, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 28, 68);  
box-shadow:4px 4px 4px 4px rgb(131, 28,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 63.3570, 2.2890, 59.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 28, 68) }
```

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

```
.background{ background-color: rgb(131, 28,  
68) }
```

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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