

Converting Colors

YUV(51.8270, -3.8587, 71.1887)

Have a look what the booklet for
YUV(51.8270, -3.8587, 71.1887)
contains.

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Color

**YUV(51.8270, -3.8587,
71.1887)**

Conversions

Conversions Part 1

Format	Color
Hex	850C2C
RGB	133, 12, 44
RGB Percent	52%, 5%, 17%
CMY	0.4784, 0.9529, 0.8275
CMYK	0.00, 0.91, 0.67, 0.48
HSL	344°, 83%, 28%
HSV	344°, 91%, 52%
XYZ	10.2590, 5.4313, 2.8905
YIQ	51.8270, 61.8440, 35.6040

Conversions

Conversions Part 2

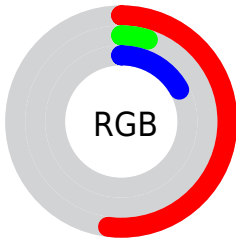
Format	Color
RYB	133, 12, 44
Decimal	8719404
CIELab	27.93, 48.71, 16.08
CIElCh	28, 51.295, 18.268
Yxy	5.4313, 0.5521, 0.2923
Android (android.graphics.Color)	4286909484 (0xFF850C2C)
YUV	51.8270, -3.8587, 71.1887
Hunter-Lab	23.3052, 37.7915, 8.9600

Details

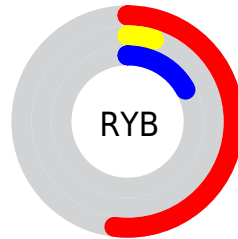
The YUV color **51.8270, -3.8587, 71.1887** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **93.1730, 3.8587, -71.1887**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4050, -10.5527, 71.5588**, and **22.7240, -11.2029, 46.7231** is the 20% darker color. If you saturate the color by 10%, you get **43.7570, -4.3172, 78.2661**, and if you desaturate by 10%, it is **60.5980, -3.2528, 63.4966**.

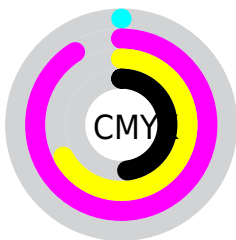
Distribution



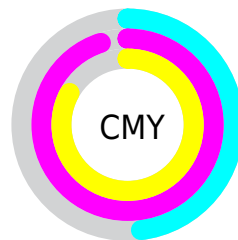
- Red (52%)
- Green (5%)
- Blue (17%)



- Red (52%)
- Yellow (5%)
- Blue (17%)



- Cyan (0%)
- Magenta (91%)
- Yellow (67%)
- Black (48%)



- Cyan (48%)
- Magenta (95%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8270, -3.8587, 71.1887 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 51.8270, -3.8587, 71.1887 by changing the saturation by 10% instead.

■ 51.8270, -3.8587,
71.1887

■ 51.8270, -3.8587,
71.1887

255.0000, 0.0000,
0.0000

■ 33.8320, -4.8472,
61.5373

■ 110.4050,
-10.5527, 71.5588

■ 22.7240, -11.2029,
46.7231

■ 138.0740,
-11.8685, 73.6031

■ 15.1780, -6.4968,
30.5389

■ 165.7430,
-13.1843, 75.6474

■ 0.0000, 0.0000,
0.0000

■ 186.0400,
-10.3727, 60.4779

■ 205.5540, -6.6821,
43.3641

■ 225.1820, -2.5547,

26.1504

245.5110, 1.7201,
8.3219

51.8270, -3.8587,
71.1887

51.8270, -3.8587,
71.1887

43.7570, -4.3172,
78.2661

60.5980, -3.2528,
63.4966

69.9560, -2.9363,
55.2896

78.6130, -2.7672,
47.6974

87.3840, -2.1613,
40.0052

96.7420, -1.8448,
31.7983

■ 105.5130, -1.2389,
24.1061

■ 114.1700, -1.0698,
16.5139

■ 122.9410, -0.4639,
8.8217

■ 132.2990, -0.1474,
0.6148

Harmonies

Analogous

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



55.0660, 13.7715, 63.0861



51.8270, -3.8587, 71.1887



59.1150, -27.6647, 53.3961

Triad

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



51.8270, -3.8587, 71.1887



46.0140, -21.6989, -40.3543



60.4410, 41.1946, -53.0068

Complementary

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



51.8270, -3.8587, 71.1887



93.1730, 3.8587, -71.1887

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.



61.7970, 31.1591, -54.1960



51.8270, -3.8587, 71.1887



53.7200, -2.3270, -47.1124

Square

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



51.8270, -3.8587, 71.1887



59.6170, -29.3912, 0.3359



58.9810, 15.2924, -51.7263



52.5820, 44.0831, -46.1144

Rectangle

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



51.8270, -3.8587, 71.1887



62.2070, -30.6681, 36.6525



58.9810, 15.2924, -51.7263



61.7460, 38.5792, -54.1512

Sweetspot

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



51.8270, -3.8587, 71.1887



142.1220, -1.5391, 27.0800



52.4050, 39.7333, 42.6178



68.1700, -1.0698, 16.5139



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.



51.8270, -3.8587, 71.1887



56.9710, -5.4087, 101.7574



64.6150, -25.9392, 59.9736



61.9080, -0.4476, 3.5887



42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Inverse Universe

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



51.8270, -3.8587, 71.1887



56.9710, -5.4087, 101.7574



80.3850, 25.9392, -59.9736



61.9080, -0.4476, 3.5887



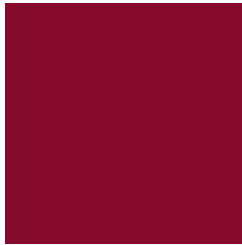
42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 51.8270, -3.8587, 71.1887 looks on a white background.

Color Contrast Check

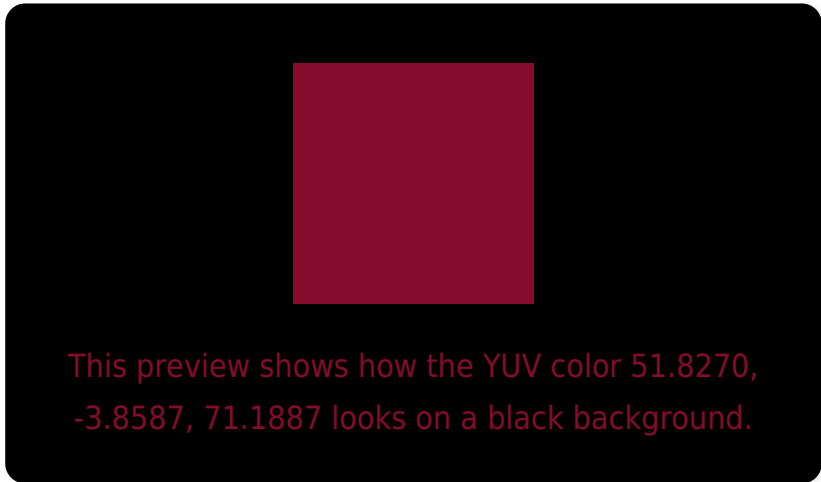
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8270, -3.8587, 71.1887

Background



This preview shows how black text looks on a background with the YUV color 51.8270, -3.8587, 71.1887.



This preview shows how white text looks on a background with the YUV color 51.8270, -3.8587,

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

51.8270, -3.8587, 71.1887

Protanopia

68.4410, -2.1894, 2.2442

Deuteranopia

67.6030, -14.5943, 14.3802



Tritanopia

53.3740, -16.9464, 68.9550

Trichromacy



Original Color

51.8270, -3.8587, 71.1887

Protanomaly

62.7800, -2.8495, 27.3799

Deuteranomaly

62.0600, -10.8756, 35.0274

Tritanomaly

52.6390, -12.1470, 69.5996

Monochromacy



Original Color

51.8270, -3.8587, 71.1887

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.5240, -1.2443, 25.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8270, -3.8587, 71.1887 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, 12, 44)` looks like.

```
.text, #text, p{  
    color:rgb(133, 12, 44)  
}
```

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, 12, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 12, 44) }
```

Border

The CSS property to change the border of an element to YUV 51.8270, -3.8587, 71.1887 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, 12, 44) }
```


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

```
.border{ border-color:rgb(133, 12, 44) }
```

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

Here you see how a box with a 4 pixel rgb(133, 12, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 12, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 12, 44);  
box-shadow:4px 4px 4px 4px rgb(133, 12,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 51.8270, -3.8587, 71.1887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 12, 44) }
```

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

```
.background{ background-color: rgb(133, 12,  
44) }
```

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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