

Converting Colors

YUV(51.2800, 9.2290, 73.4224)

Have a look what the booklet for
YUV(51.2800, 9.2290, 73.4224)
contains.

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Color

**YUV(51.2800, 9.2290,
73.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	870546
RGB	135, 5, 70
RGB Percent	53%, 2%, 27%
CMY	0.4706, 0.9804, 0.7255
CMYK	0.00, 0.96, 0.48, 0.47
HSL	330°, 93%, 27%
HSV	330°, 96%, 53%
XYZ	11.1514, 5.7016, 6.3071
YIQ	51.2800, 56.6150, 47.7750

Conversions

Conversions Part 2

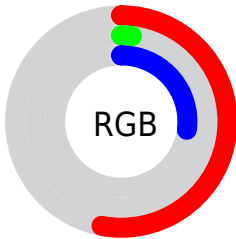
Format	Color
R_{YB}	135, 5, 70
Decimal	8848710
CIE Lab	28.65, 52.33, -0.41
CIE LCh	29, 52.333, 359.554
Yxy	5.7016, 0.4815, 0.2462
Android (android.graphics.Color)	4287038790 (0xFF870546)
YUV	51.2800, 9.2290, 73.4224
Hunter-Lab	23.8781, 41.5756, 1.0539

Details

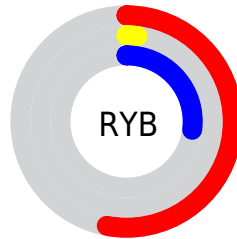
The YUV color **51.2800, 9.2290, 73.4224** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **88.7200, -9.2290, -73.4224**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4230, 2.2565, 69.7890**, and **26.6990, 0.1484, 45.8680** is the 20% darker color. If you saturate the color by 10%, you get **48.1170, 9.8023, 76.1964**, and if you desaturate by 10%, it is **60.2960, 8.2351, 65.5154**.

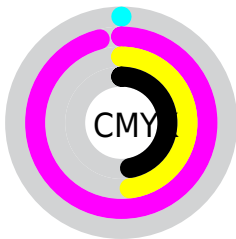
Distribution



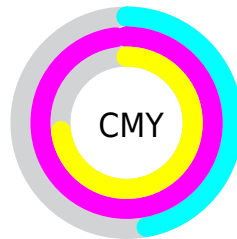
- Red (53%)
- Green (2%)
- Blue (27%)



- Red (53%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (96%)
- Yellow (48%)
- Black (47%)



- Cyan (47%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2800, 9.2290, 73.4224 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 51.2800, 9.2290, 73.4224 by changing the saturation by 10% instead.

■ 51.2800, 9.2290,
73.4224

■ 51.2800, 9.2290,
73.4224

■ 255.0000, 0.0000,
0.0000

■ 37.4650, 5.1938,
60.9822

■ 113.4230, 2.2565,
69.7890

■ 26.6990, 0.1484,
45.8680

■ 141.7930, 1.0881,
71.2185

■ 16.6730, -7.2338,
33.6128

■ 169.5760, 0.2090,
73.1628

■ 2.6910, -1.3267,
5.5330


■ 189.1010, 3.8942,
57.7934

■ 0.0000, 0.0000,
0.0000

■ 209.3160, 7.7322,
40.0649


■ 229.0580, 12.2964,

22.7511


 246.1950, 4.3409,
7.7220


 51.2800, 9.2290,
73.4224


 51.2800, 9.2290,
73.4224


 48.1170, 9.8023,
76.1964

 60.2960, 8.2351,
65.5154

 68.7250, 7.5306,
58.1232

 77.6270, 6.0999,
50.3161

 86.0560, 5.3954,
42.9239

 95.0720, 4.4015,
35.0169

■ 103.5010, 3.6970,
27.6246

■ 112.4030, 2.2663,
19.8176

■ 120.8320, 1.5618,
12.4253

■ 129.8480, 0.5679,
4.5183

Harmonies

Analogous

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



65.2960, 21.5461, 42.7134



51.2800, 9.2290, 73.4224



56.8020, -12.7204, 66.8256

Triad

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



51.2800, 9.2290, 73.4224



57.7680, -28.4796, -12.0745



63.7520, 36.1113, -55.9105

Complementary

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



51.2800, 9.2290, 73.4224



88.7200, -9.2290, -73.4224

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.



61.5060, 22.4285, -53.9408



51.2800, 9.2290, 73.4224



50.6420, -14.1205, -44.4130

Square

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



51.2800, 9.2290, 73.4224



63.8580, -31.4820, 17.6645



56.8320, 4.5198, -49.8417



59.8370, 43.9574, -52.4770

Rectangle

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



51.2800, 9.2290, 73.4224



60.6590, -29.4119, 53.7961



56.8320, 4.5198, -49.8417



63.4270, 32.3275, -55.6255

Sweetspot

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



51.2800, 9.2290, 73.4224



143.0990, 3.4022, 28.8542



39.2550, 47.2023, 26.9634



69.0930, 2.4192, 17.4584



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.



51.2800, 9.2290, 73.4224



62.6560, 12.4946, 99.4027



43.8700, -19.1629, 79.9210



62.1360, 0.4260, 3.3887



46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Inverse Universe

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



51.2800, 9.2290, 73.4224



62.6560, 12.4946, 99.4027



96.1300, 19.1629, -79.9210



62.1360, 0.4260, 3.3887



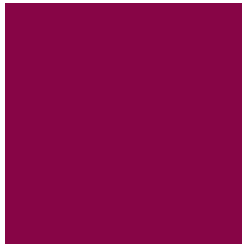
46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 51.2800, 9.2290, 73.4224 looks on a white background.

Color Contrast Check

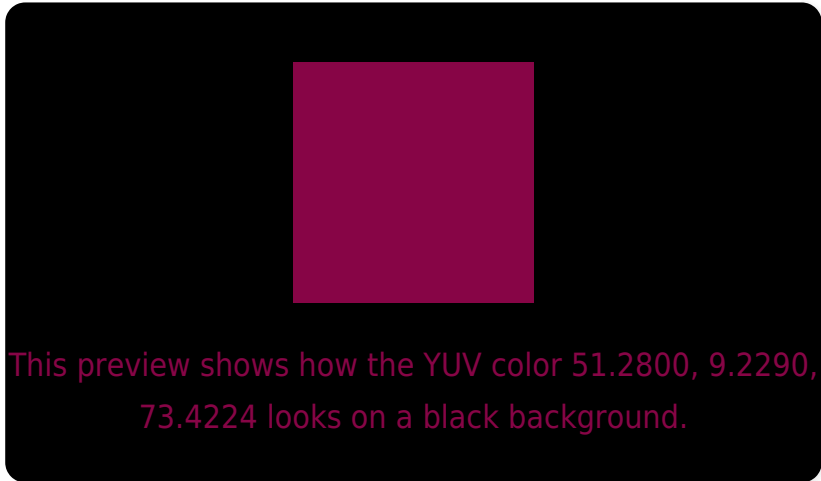
Large Text (above 18pt) WCAG AA ✓ Pass

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

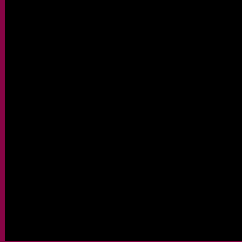
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.2800, 9.2290, 73.4224

Background



This preview shows how black text looks on a background with the YUV color 51.2800, 9.2290, 73.4224.



This preview shows how white text looks on a background with the YUV color 51.2800, 9.2290,

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

51.2800, 9.2290, 73.4224

Protanopia

70.2560, 15.1568, -8.1175

Deuteranopia

71.1320, -3.5161, 7.7772



Tritanopia

59.3950, -15.4777, 64.5516

Trichromacy



Original Color

51.2800, 9.2290, 73.4224

Protanomaly

63.5740, 13.0280, 21.4216

Deuteranomaly

63.8390, 1.0654, 31.7132

Tritanomaly

56.7080, -6.7580, 67.7851

Monochromacy



Original Color

51.2800, 9.2290, 73.4224

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0880, 3.4076, 27.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2800, 9.2290, 73.4224 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(135, 5, 70)` looks like.

```
.text, #text, p{  
    color:rgb(135, 5, 70)  
}
```

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(135, 5, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 5, 70) }
```

Border

The CSS property to change the border of an element to YUV 51.2800, 9.2290, 73.4224 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(135, 5, 70) }
```


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

```
.border{ border-color:rgb(135, 5, 70) }
```

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

Here you see how a box with a 4 pixel rgb(135, 5, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 5, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 5, 70);  
box-shadow:4px 4px 4px 4px rgb(135, 5, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2800, 9.2290, 73.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 5, 70) }
```

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

```
.background{ background-color: rgb(135, 5,  
70) }
```

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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