

Converting Colors

YUV(51.5710, 51.4835, 53.8732)

Have a look what the booklet for
YUV(51.5710, 51.4835, 53.8732)
contains.

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Color

**YUV(51.5710, 51.4835,
53.8732)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 71009C |
| RGB | 113, 0, 156 |
| RGB Percent | 44%, 0%, 61% |
| CMY | 0.5569, 1.0000, 0.3882 |
| CMYK | 0.28, 1.00, 0.00, 0.39 |
| HSL | 283°, 100%, 31% |
| HSV | 283°, 100%, 61% |
| XYZ | 12.8108, 5.9110, 31.9182 |
| YIQ | 51.5710, 17.2720, 72.4720 |

Conversions

Conversions Part 2

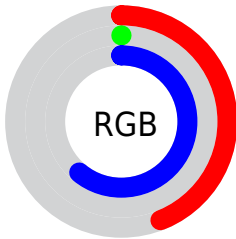
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 113, 0, 156 |
| Decimal | 7405724 |
| CIE _{Lab} | 29.19, 61.59, -54.95 |
| CIE _{LCh} | 29, 82.539, 318.260 |
| Yxy | 5.9110, 0.2530, 0.1167 |
| Android (android.graphics.Color) | 4285595804 (0xFF71009C) |
| YUV | 51.5710, 51.4835, 53.8732 |
| Hunter-Lab | 24.3126, 51.5084, -60.8188 |

Details

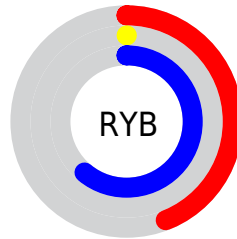
The YUV color **51.5710, 51.4835, 53.8732** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **104.4290, -51.4835, -53.8732**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6750, 46.9952, 46.7660**, and **28.7850, 36.5880, 24.7446** is the 20% darker color. If you saturate the color by 10%, you get **51.5710, 51.4835, 53.8732**, and if you desaturate by 10%, it is **62.1590, 46.2636, 48.0956**.

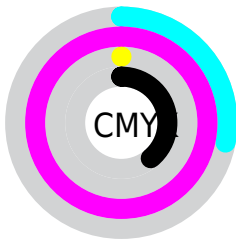
Distribution



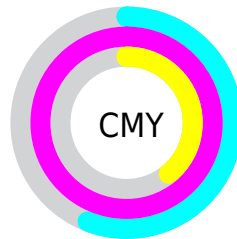
- Red (44%)
- Green (0%)
- Blue (61%)



- Red (44%)
- Yellow (0%)
- Blue (61%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (56%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.5710, 51.4835, 53.8732 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 51.5710, 51.4835, 53.8732 by changing the saturation by 10% instead.

■ 51.5710, 51.4835,
53.8732

■ 51.5710, 51.4835,
53.8732

■ 255.0000, 0.0000,
0.0000

■ 40.1210, 43.8173,
39.3589

■ 116.6750, 46.9952,
46.7660

■ 28.7850, 36.5880,
24.7446

■ 144.9740, 46.8478,
47.3808

■ 18.5740, 29.7900,
11.7746

■ 171.2040, 41.3114,
49.8101

■ 6.2700, 24.0239,
-5.4988

■ 195.7130, 29.2285,
51.9947

■ 4.8220, 13.3988,
-4.2289

■ 212.1490, 21.1255,
37.5803

■ 0.4560, 1.7472,
-0.3999

■ 229.1720, 12.7332,

■ 0.0000, 0.0000,

22.6512

0.0000

246.1950, 4.3409,
7.7220

51.5710, 51.4835,
53.8732

62.1590, 46.2636,
48.0956

72.4590, 41.1857,
43.4475

83.0470, 35.9658,
37.6698

93.0480, 31.0353,
32.4069

103.9350, 25.6680,
27.2440

■ 114.5230, 20.4482,
21.4663

■ 124.5240, 15.5177,
16.2035

■ 135.1120, 10.2978,
10.4258

■ 145.4120, 5.2199,
5.7777

Harmonies

Analogous

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



60.2710, 65.9284, -52.8577



51.5710, 51.4835, 53.8732



59.7950, 18.3421, 90.5108

Triad

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



51.5710, 51.4835, 53.8732



64.8540, -31.9730, 35.2080



65.7290, 20.8396, -57.6443

Complementary

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



51.5710, 51.4835, 53.8732



104.4290, -51.4835, -53.8732

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.



57.3900, -8.5733, -50.3310



51.5710, 51.4835, 53.8732



59.8390, -29.5006, -11.2598

Square

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



51.5710, 51.4835, 53.8732



43.9530, -21.6688, 90.3722



50.4820, -24.8876, -44.2727



72.9280, 45.8845, -63.9579

Rectangle

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



51.5710, 51.4835, 53.8732



57.6980, -1.3301, 100.2429



50.4820, -24.8876, -44.2727



63.2210, 11.2300, -55.4448

Sweetspot

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



51.5710, 51.4835, 53.8732



163.1100, 20.1588, 20.9515



43.6120, 55.4073, -38.2477



77.2910, 12.1815, 12.8998



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



51.5710, 51.4835, 53.8732



67.5080, 67.2906, 70.5915



60.5520, 30.2939, 83.7079



73.7060, 2.6099, 2.8888



47.0990, 47.2792, 49.0252



4.9990, 4.9305, 5.2629

Inverse Universe

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



51.5460, -4.2132, 91.6062



67.3800, -5.6103, 119.8157



95.4480, -30.2939, -83.7079



73.6200, -0.3057, 4.7183



47.2030, -4.0441, 84.0140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 51.5710, 51.4835, 53.8732 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



This preview shows how the YUV color 51.5710, 51.4835, 53.8732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

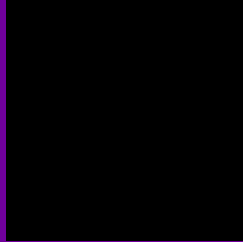
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.5710, 51.4835, 53.8732

Background



This preview shows how black text looks on a background with the YUV color 51.5710, 51.4835, 53.8732.



This preview shows how white text looks on a background with the YUV color 51.5710, 51.4835,

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



Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.9160, 34.0584, -50.7923

Tritanopia

72.6330, -3.2701, 22.2469

Trichromacy



Protanomaly

55.1870, 46.7428, -12.4420

Deuteranomaly

55.5800, 40.6331, -12.7867

Tritanomaly

64.9760, 16.7738, 33.3470

Monochromacy



Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.7570, 18.8538, 19.5071

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.5710, 51.4835, 53.8732 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(113, 0, 156)` looks like.

```
.text, #text, p{  
    color:rgb(113, 0, 156)  
}
```

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(113, 0, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 0, 156) }
```

Border

The CSS property to change the border of an element to YUV 51.5710, 51.4835, 53.8732 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(113, 0, 156) }
```

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

```
.border{ border-color:rgb(113, 0, 156) }
```

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

Here you see how a box with a 4 pixel rgb(113, 0, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 0, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 0, 156);  
box-shadow:4px 4px 4px 4px rgb(113, 0,  
156) }
```


Background

The CSS property to change the background color of an element to YUV 51.5710, 51.4835, 53.8732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 0, 156) }
```

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

```
.background{ background-color: rgb(113, 0,  
156) }
```

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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