

Converting Colors

YUV(51.4720, 54.9833, 51.3291)

Have a look what the booklet for
YUV(51.4720, 54.9833, 51.3291)
contains.

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Color

**YUV(51.4720, 54.9833,
51.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	6E00A3
RGB	110, 0, 163
RGB Percent	43%, 0%, 64%
CMY	0.5686, 1.0000, 0.3608
CMYK	0.33, 1.00, 0.00, 0.36
HSL	280°, 100%, 32%
HSV	280°, 100%, 64%
XYZ	13.0413, 5.9593, 35.1132
YIQ	51.4720, 13.2370, 74.0130

Conversions

Conversions Part 2

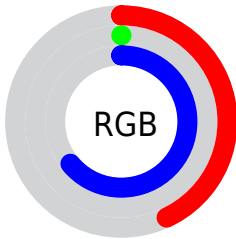
Format	Color
R_{YB}	110, 0, 163
Decimal	7209123
CIE Lab	29.31, 62.59, -59.03
CIE LCh	29, 86.034, 316.675
Yxy	5.9593, 0.2410, 0.1101
Android (android.graphics.Color)	4285399203 (0xFF6E00A3)
YUV	51.4720, 54.9833, 51.3291
Hunter-Lab	24.4118, 52.6378, -68.1930

Details

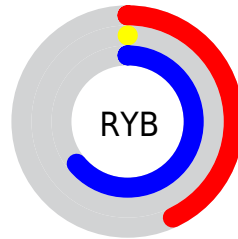
The YUV color **51.4720, 54.9833, 51.3291** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **111.5280, -54.9833, -51.3291**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5760, 50.4950, 44.2218**, and **28.3870, 40.2352, 21.5856** is the 20% darker color. If you saturate the color by 10%, you get **51.4720, 54.9833, 51.3291**, and if you desaturate by 10%, it is **62.3590, 49.6160, 46.1662**.

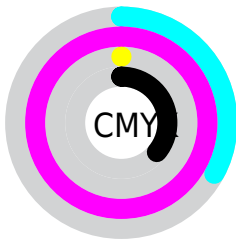
Distribution



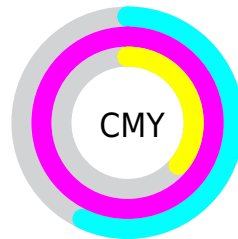
- Red (43%)
- Green (0%)
- Blue (64%)



- Red (43%)
- Yellow (0%)
- Blue (64%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (57%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4720, 54.9833, 51.3291 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 51.4720, 54.9833, 51.3291 by changing the saturation by 10% instead.

■ 51.4720, 54.9833,
51.3291

■ 51.4720, 54.9833,
51.3291

■ 255.0000, 0.0000,
0.0000

■ 40.0220, 47.3172,
36.8147

■ 116.5760, 50.4950,
44.2218

■ 28.3870, 40.2352,
21.5856

■ 144.9890, 50.7844,
44.7366

■ 17.4640, 33.2952,
7.4861

■ 170.6060, 41.6062,
48.5805

■ 6.8400, 26.2079,
-5.9987

■ 195.7130, 29.2285,
51.9947

■ 5.5060, 16.0195,
-4.8288

■ 212.1490, 21.1255,
37.5803

■ 2.1830, 5.8258,
-1.9145

■ 229.1720, 12.7332,

■ 0.0000, 0.0000,

22.6512

0.0000

■ 246.1950, 4.3409,
7.7220

■ 51.4720, 54.9833,
51.3291

■ 62.3590, 49.6160,
46.1662

■ 74.1320, 43.8119,
41.1032

■ 85.0190, 38.4446,
35.9403

■ 95.9060, 33.0773,
30.7774

■ 107.6790, 27.2733,
25.7145

■ 118.5660, 21.9060,
20.5516

■ 129.4530, 16.5387,
15.3887

■ 140.3400, 11.1714,
10.2258

■ 152.1130, 5.3673,
5.1629

Harmonies

Analogous

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



62.3570, 68.8440, -54.6871



51.4720, 54.9833, 51.3291



61.2620, 20.0838, 91.8552

Triad

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



51.4720, 54.9833, 51.3291



64.8760, -31.9839, 38.6967



66.0880, 19.6766, -57.9592

Complementary

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



51.4720, 54.9833, 51.3291



111.5280, -54.9833, -51.3291

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.



56.8200, -10.7573, -49.8311



51.4720, 54.9833, 51.3291



60.4370, -29.7954, -10.0302

Square

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



51.4720, 54.9833, 51.3291



45.4480, -22.4059, 93.4461



51.0690, -25.1770, -44.7875



73.7430, 46.4687, -64.6726

Rectangle

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



51.4720, 54.9833, 51.3291



59.2360, -0.6093, 102.4020



51.0690, -25.1770, -44.7875



63.4660, 9.6303, -55.6597

Sweetspot

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



51.4720, 54.9833, 51.3291



168.1530, 21.6166, 20.0368



50.2800, 55.5710, -44.0956



81.1060, 12.7657, 12.1850



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



51.4720, 54.9833, 51.3291



66.9250, 71.5220, 66.7178



64.2410, 35.3772, 86.6116



75.8200, 3.0467, 2.7889



45.8320, 48.8898, 45.7513



5.6400, 6.0935, 5.5777

Inverse Universe

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



54.7790, -0.8770, 94.9098



71.2540, -1.1112, 123.4342



98.7590, -35.3772, -86.6116



76.0330, -0.0163, 5.2331



48.7130, -0.8445, 84.4437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 51.4720, 54.9833, 51.3291 looks on a white background.

Color Contrast Check

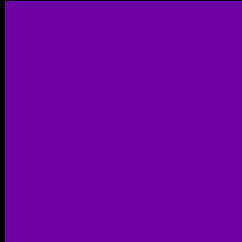
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4720, 54.9833, 51.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

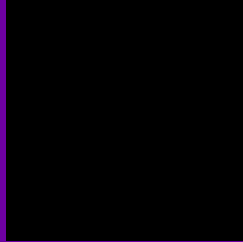
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4720, 54.9833, 51.3291

Background



This preview shows how black text looks on a background with the YUV color 51.4720, 54.9833, 51.3291.



This preview shows how white text looks on a background with the YUV color 51.4720, 54.9833,

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

57.7340, 43.5151, -50.6327

Deuteranopia

57.9160, 34.0584, -50.7923

Tritanopia

73.2410, -2.0908, 17.3286

Trichromacy



Protanomaly

55.7030, 47.4744, -13.7715

Deuteranomaly

55.5090, 41.6541, -13.6014

Tritanomaly

65.4100, 18.5319, 29.4584

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8000, 20.3116, 18.5924

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4720, 54.9833, 51.3291 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(110, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(110, 0, 163)  
}
```

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(110, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 0, 163) }
```

Border

The CSS property to change the border of an element to YUV 51.4720, 54.9833, 51.3291 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(110, 0, 163) }
```

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

```
.border{ border-color:rgb(110, 0, 163) }
```

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

Here you see how a box with a 4 pixel rgb(110, 0, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(110, 0,  
163) }
```


Background

The CSS property to change the background color of an element to YUV 51.4720, 54.9833, 51.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 0, 163) }
```

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

```
.background{ background-color: rgb(110, 0,  
163) }
```

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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