

Converting Colors

YUV(101.9300, 50.3205,
53.5584)

Have a look what the booklet for
YUV(101.9300, 50.3205, 53.5584)
contains.

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Color

**YUV(101.9300, 50.3205,
53.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	A333CC
RGB	163, 51, 204
RGB Percent	64%, 20%, 80%
CMY	0.3608, 0.8000, 0.2000
CMYK	0.20, 0.75, 0.00, 0.20
HSL	284°, 60%, 50%
HSV	284°, 75%, 80%
XYZ	27.1872, 14.5138, 58.4953
YIQ	101.9300, 17.6390, 71.3270

Conversions

Conversions Part 2

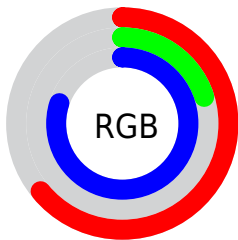
Format	Color
RYB	163, 51, 204
Decimal	10695628
CIELab	44.96, 66.68, -57.48
CIElCh	45, 88.035, 319.237
Yxy	14.5138, 0.2713, 0.1449
Android (android.graphics.Color)	4288885708 (0xFFA333CC)
YUV	101.9300, 50.3205, 53.5584
Hunter-Lab	38.0970, 60.7132, -64.3677

Details

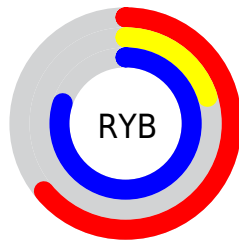
The YUV color **101.9300, 50.3205, 53.5584** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **153.0700, -50.3205, -53.5584**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4310, 47.1155, 54.8730**, and **48.6800, 49.4578, 50.2696** is the 20% darker color. If you saturate the color by 10%, you get **88.6950, 56.8454, 60.7805**, and if you desaturate by 10%, it is **115.1650, 43.7957, 46.3363**.

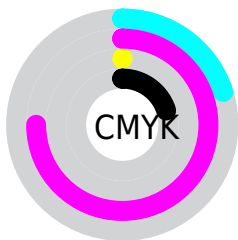
Distribution



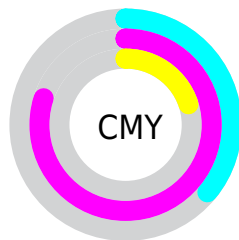
- Red (64%)
- Green (20%)
- Blue (80%)



- Red (64%)
- Yellow (20%)
- Blue (80%)



- Cyan (20%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.9300, 50.3205, 53.5584 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 101.9300, 50.3205, 53.5584 by changing the saturation by 10% instead.

101.9300, 50.3205,
53.5584

101.9300, 50.3205,
53.5584

255.0000, 0.0000,
0.0000

66.5870, 53.9406,
59.1212

159.4310, 47.1155,
54.8730

48.6800, 49.4578,
50.2696

184.8370, 34.5904,
58.9020

37.2300, 41.7916,
35.7553

202.1700, 26.0452,
46.3319

25.7090, 35.1465,
20.4262

219.1930, 17.6529,
31.4027

13.5900, 28.7961,
3.8676

236.2160, 9.2605,
16.4736

6.6460, 20.3875,
-5.8285

253.2390, 0.8682,

3.5510, 11.0674,

1.5444

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 101.9300, 50.3205,
53.5584

■ 101.9300, 50.3205,
53.5584

■ 88.6950, 56.8454,
60.7805

■ 115.1650, 43.7957,
46.3363

■ 74.5740, 63.8070,
67.9026

■ 129.2860, 36.8340,
39.2142

■ 67.8070, 67.1431,
71.2063

■ 142.5210, 30.3091,
31.9921

■ 156.6420, 23.3475,
24.8700

■ 169.8770, 16.8226,
17.6479

■ 183.4110, 10.1504,
11.0406

■ 197.2330, 3.3361,
3.3037

■ 210.7670, -3.3361,
-3.3037

■ 224.5890,
-10.1504, -11.0406

Harmonies

Analogous

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



86.9720, 79.3868, -76.2744



101.9300, 50.3205, 53.5584



80.6860, 27.2698, 120.4244

Triad

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



101.9300, 50.3205, 53.5584



100.6260, -49.6086, 45.0550



96.6870, 27.7623, -84.7945

Complementary

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



101.9300, 50.3205, 53.5584



153.0700, -50.3205, -53.5584

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.



86.7350, -5.2924, -76.0666



101.9300, 50.3205, 53.5584



94.0940, -46.3883, -7.9754

Square

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



101.9300, 50.3205, 53.5584



88.8620, -43.8090, 98.3450



75.1360, -37.0420, -65.8943



103.5100, 56.4436, -90.7783

Rectangle

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



101.9300, 50.3205, 53.5584



78.2040, 4.8294, 131.3711



75.1360, -37.0420, -65.8943



93.8370, 16.8424, -82.2950

Sweetspot

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



101.9300, 50.3205, 53.5584



215.5830, 19.4326, 20.5367



93.6830, 54.3863, -37.4330



103.8780, 11.8921, 12.3850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



101.9300, 50.3205, 53.5584



101.7510, 75.5518, 80.9024



110.4270, 29.8625, 82.0635



95.2330, 3.3361, 3.3037



55.1030, 54.6722, 57.7917



12.7040, 12.4709, 13.4146

Inverse Universe

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



101.4210, -4.6446, 89.9618



100.8380, -6.8221, 135.2001



144.5730, -29.8625, -82.0635



95.3320, -0.1637, 5.8478



54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 101.9300, 50.3205, 53.5584 looks on a white background.

Color Contrast Check

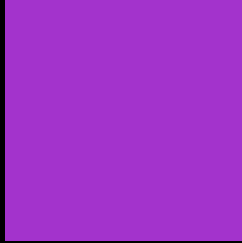
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.9300, 50.3205, 53.5584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

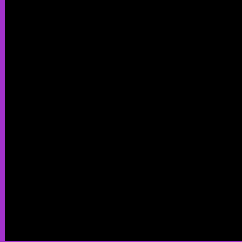
Any Text WCAG AA × Fail

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 101.9300, 50.3205, 53.5584 Background



This preview shows how black text looks on a background with the YUV color 101.9300, 50.3205, 53.5584.



This preview shows how white text looks on a background with the YUV color 101.9300, 50.3205, 53.5584.

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

101.9300, 50.3205, 53.5584

Protanopia

85.3130, 65.4147, -74.8195

Deuteranopia

85.9850, 52.7584, -75.4088



Tritanopia

107.8410, -5.3446, 34.3424

Trichromacy



Original Color

101.9300, 50.3205, 53.5584



Protanomaly

91.2310, 60.0321, -28.2666



Deuteranomaly

91.7550, 51.8858, -28.7261



Tritanomaly

105.8630, 14.8575, 41.3391

Monochromacy



Original Color

101.9300, 50.3205, 53.5584



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

101.6430, 18.4170, 19.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9300, 50.3205, 53.5584 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(163, 51, 204)` looks like.

```
.text, #text, p{  
    color:rgb(163, 51, 204)  
}
```

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(163, 51, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 51, 204) }
```

Border

The CSS property to change the border of an element to YUV 101.9300, 50.3205, 53.5584 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(163, 51, 204) }
```


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

```
.border{ border-color:rgb(163, 51, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 51, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 51, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 51, 204);  
box-shadow:4px 4px 4px 4px rgb(163, 51,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 101.9300, 50.3205, 53.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 51, 204) }
```

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

```
.background{ background-color: rgb(163, 51,  
204) }
```

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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