

Converting Colors

YUV(100.9190, 33.5639,
61.4610)

Have a look what the booklet for
YUV(100.9190, 33.5639, 61.4610)
contains.

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Color

**YUV(100.9190, 33.5639,
61.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	AB34A9
RGB	171, 52, 169
RGB Percent	67%, 20%, 66%
CMY	0.3294, 0.7961, 0.3373
CMYK	0.00, 0.70, 0.01, 0.33
HSL	301°, 53%, 44%
HSV	301°, 70%, 67%
XYZ	25.1840, 13.9785, 38.9069
YIQ	100.9190, 33.3670, 61.6150

Conversions

Conversions Part 2

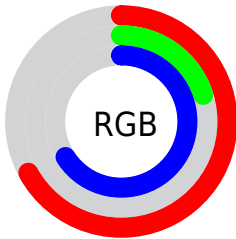
Format	Color
R_{YB}	171, 52, 169
Decimal	11220137
CIE _{Lab}	44.20, 61.65, -38.13
CIE _{LCh}	44, 72.488, 328.267
Yxy	13.9785, 0.3226, 0.1791
Android (android.graphics.Color)	4289410217 (0xFFAB34A9)
YUV	100.9190, 33.5639, 61.4610
Hunter-Lab	37.3878, 54.8069, -35.5275

Details

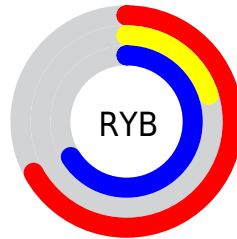
The YUV color **100.9190, 33.5639, 61.4610** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **122.0810, -33.5639, -61.4610**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1040, 32.9797, 62.1758**, and **47.6090, 33.7168, 59.1019** is the 20% darker color. If you saturate the color by 10%, you get **90.9400, 38.4836, 70.2126**, and if you desaturate by 10%, it is **110.8980, 28.6443, 52.7095**.

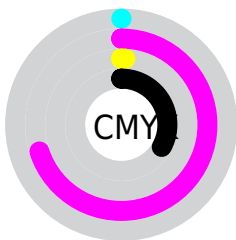
Distribution



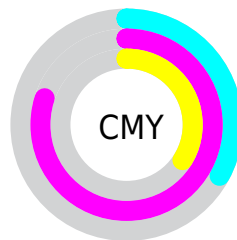
- Red (67%)
- Green (20%)
- Blue (66%)



- Red (67%)
- Yellow (20%)
- Blue (66%)



- Cyan (0%)
- Magenta (70%)
- Yellow (1%)
- Black (33%)





- Cyan (33%)
- Magenta (80%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9190, 33.5639, 61.4610 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 100.9190, 33.5639, 61.4610 by changing the saturation by 10% instead.


 100.9190, 33.5639,
61.4610


 100.9190, 33.5639,
61.4610


255.0000, 0.0000,
0.0000


 67.7500, 36.6052,
65.9942


 158.1040, 32.9797,
62.1758


 47.6090, 33.7168,
59.1019


 185.6200, 33.7113,
60.8463


 36.6860, 26.7768,
45.0024


 202.1700, 26.0452,
46.3319

 26.1760, 20.1262,
31.4176

 219.1930, 17.6529,
31.4027

 15.7800, 13.9125,
17.7329

 236.2160, 9.2605,
16.4736

 3.0950, 9.3202,
-2.7143

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 100.9190, 33.5639,
61.4610

■ 100.9190, 33.5639,
61.4610

■ 90.9400, 38.4836,
70.2126

■ 110.8980, 28.6443,
52.7095

■ 80.8470, 42.9664,
79.0642

■ 120.9910, 24.1614,
43.8579

■ 70.8680, 47.8861,
87.8158

■ 130.9700, 19.2418,
35.1063

■ 70.2810, 48.1755,
88.3306

■ 140.9490, 14.3221,
26.3547

■ 150.9280, 9.4025,
17.6031

■ 161.6080, 4.6303,
8.2368

■ 171.5870, -0.2894,
-0.5148

■ 181.5660, -5.2090,
-9.2664

■ 191.6590, -9.6919,
-18.1179

Harmonies

Analogous

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



102.4130, 54.0264, -15.2712



100.9190, 33.5639, 61.4610



73.6500, 18.4136, 114.3170

Triad

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



100.9190, 33.5639, 61.4610



98.4560, -48.5388, 28.5411



94.5500, 32.2668, -82.9204

Complementary

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



100.9190, 33.5639, 61.4610



122.0810, -33.5639, -61.4610

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.



87.0090, 5.9116, -76.3069



100.9190, 33.5639, 61.4610



89.6090, -44.1772, -17.1971

Square

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



100.9190, 33.5639, 61.4610



95.7630, -47.2112, 69.4908



77.1370, -21.7595, -67.6491



97.6740, 54.3907, -85.6601

Rectangle

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



100.9190, 33.5639, 61.4610



78.2050, -3.5521, 112.9532



77.1370, -21.7595, -67.6491



92.3840, 23.9677, -81.0208

Sweetspot

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



100.9190, 33.5639, 61.4610



194.2970, 13.1646, 24.2955



66.1640, 51.6841, -10.6678



95.5640, 8.1029, 14.4144



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



100.9190, 33.5639, 61.4610



111.8890, 52.8057, 96.5673



94.1930, 7.7929, 67.3597



81.7170, 2.6045, 4.6332



61.7220, 42.5351, 77.4198



9.4990, 6.6560, 11.8404

Inverse Universe

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



100.9190, 33.5639, 61.4610



111.8890, 52.8057, 96.5673



128.8070, -7.7929, -67.3597



81.7170, 2.6045, 4.6332



61.7220, 42.5351, 77.4198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 100.9190, 33.5639, 61.4610 looks on a white background.

Color Contrast Check

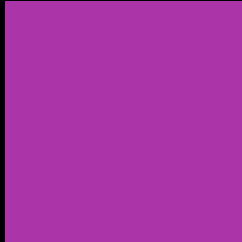
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9190, 33.5639, 61.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

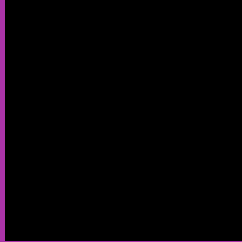
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.9190, 33.5639, 61.4610

Background



This preview shows how black text looks on a background with the YUV color 100.9190, 33.5639, 61.4610.



This preview shows how white text looks on a background with the YUV color 100.9190, 33.5639, 61.4610.

61.4610.

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

100.9190, 33.5639, 61.4610

Protanopia

87.6840, 62.7668, -65.4979

Deuteranopia

103.3110, 28.4407, -22.1977



Tritanopia

105.0880, -9.9034, 49.9118

Trichromacy



Original Color

100.9190, 33.5639, 61.4610



Protanomaly

92.2230, 52.1481, -19.4896



Deuteranomaly

102.6660, 30.2377, 8.1859



Tritanomaly

103.6490, 6.0890, 53.8048

Monochromacy



Original Color

100.9190, 33.5639, 61.4610



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.7590, 12.4438, 22.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9190, 33.5639, 61.4610 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(171, 52, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 52, 169)  
}
```

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(171, 52, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 52, 169) }
```

Border

The CSS property to change the border of an element to YUV 100.9190, 33.5639, 61.4610 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(171, 52, 169) }
```


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

```
.border{ border-color:rgb(171, 52, 169) }
```

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

Here you see how a box with a 4 pixel rgb(171, 52, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 52, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 52, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 52,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 100.9190, 33.5639, 61.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 52, 169) }
```

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

```
.background{ background-color: rgb(171, 52,  
169) }
```

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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