

Converting Colors

YUV(100.4360, 29.3651,
54.8686)

Have a look what the booklet for
YUV(100.4360, 29.3651, 54.8686)
contains.

YUV(100.4360, 29.3651, 54.8686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.4360, 29.3651,
54.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	A339A0
RGB	163, 57, 160
RGB Percent	64%, 22%, 63%
CMY	0.3608, 0.7765, 0.3725
CMYK	0.00, 0.65, 0.02, 0.36
HSL	302°, 48%, 43%
HSV	302°, 65%, 64%
XYZ	22.9125, 13.2509, 34.6078
YIQ	100.4360, 30.1130, 54.5050

Conversions

Conversions Part 2

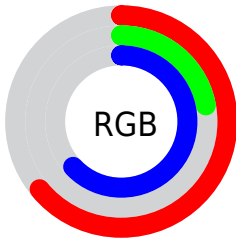
Format	Color
R_{YB}	163, 57, 160
Decimal	10697120
CIE _{Lab}	43.14, 56.27, -34.53
CIE _{LCh}	43, 66.021, 328.469
Yxy	13.2509, 0.3238, 0.1872
Android (android.graphics.Color)	4288887200 (0xFFA339A0)
YUV	100.4360, 29.3651, 54.8686
Hunter-Lab	36.4017, 48.6513, -30.8868

Details

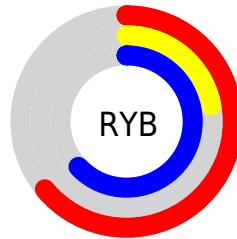
The YUV color **100.4360, 29.3651, 54.8686** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **119.5640, -29.3651, -54.8686**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0340, 29.0702, 56.0982**, and **44.6040, 31.2542, 55.5983** is the 20% darker color. If you saturate the color by 10%, you get **91.0440, 33.9953, 63.1054**, and if you desaturate by 10%, it is **109.8280, 24.7348, 46.6318**.

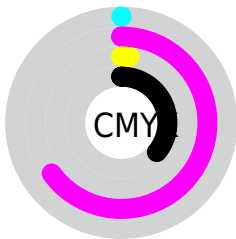
Distribution



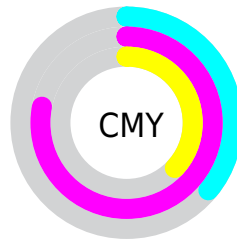
- Red (64%)
- Green (22%)
- Blue (63%)



- Red (64%)
- Yellow (22%)
- Blue (63%)



- Cyan (0%)
- Magenta (65%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (78%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4360, 29.3651, 54.8686 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 100.4360, 29.3651, 54.8686 by changing the saturation by 10% instead.

100.4360, 29.3651,
54.8686

100.4360, 29.3651,
54.8686

255.0000, 0.0000,
0.0000

70.9030, 31.1068,
56.2131

156.0340, 29.0702,
56.0982

44.6040, 31.2542,
55.5983

184.1590, 29.5016,
57.7426

33.6810, 24.3143,
41.4988

203.3440, 25.4664,
45.3023

23.5840, 17.9531,
28.4288

219.7800, 17.3635,
30.8879

12.8890, 11.8867,
14.1293

236.8030, 8.9711,
15.9588

2.0690, 5.3890,
-1.8145

254.4130, 0.2894,

0.0000, 0.0000,

0.5148

0.0000

■ 100.4360, 29.3651,
54.8686

■ 100.4360, 29.3651,
54.8686

■ 91.0440, 33.9953,
63.1054

■ 109.8280, 24.7348,
46.6318

■ 80.9510, 38.4782,
71.9570

■ 119.9210, 20.2519,
37.7803

■ 71.5590, 43.1084,
80.1938

■ 129.3130, 15.6217,
29.5435

■ 66.7490, 44.9867,
84.4121

■ 138.8190, 11.4282,
21.2067

■ 148.7980, 6.5086,
12.4552

■ 158.3040, 2.3151,
4.1184

■ 167.6960, -2.3151,
-4.1184

■ 177.2020, -6.5086,
-12.4552

■ 187.1810,
-11.4282, -21.2067

Harmonies

Analogous

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



100.6540, 48.4846, -11.0976



100.4360, 29.3651, 54.8686



86.3410, 10.1849, 93.5399

Triad

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



100.4360, 29.3651, 54.8686



95.7870, -47.2230, 26.4968



90.8170, 30.6562, -79.6465

Complementary

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



100.4360, 29.3651, 54.8686



119.5640, -29.3651, -54.8686

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.



84.4330, 6.1955, -74.0477



100.4360, 29.3651, 54.8686



88.4460, -43.6039, -14.4231

Square

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



100.4360, 29.3651, 54.8686



93.9580, -46.3213, 64.0578



75.4730, -17.9812, -66.1898



93.2570, 50.1593, -81.7864

Rectangle

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



100.4360, 29.3651, 54.8686



86.6560, -7.7184, 95.8947



75.4730, -17.9812, -66.1898



88.7650, 22.7939, -77.8469

Sweetspot

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



100.4360, 29.3651, 54.8686



186.5310, 11.5702, 22.3363



69.6820, 46.0058, -9.3681



91.6240, 7.0874, 13.4848



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.



100.4360, 29.3651, 54.8686



114.5750, 45.5655, 85.4417



94.5080, 6.6516, 60.0675



76.6030, 2.1677, 4.7332



59.4290, 40.2145, 75.0458



7.3200, 4.7722, 9.3664

Inverse Universe

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



100.4360, 29.3651, 54.8686



114.5750, 45.5655, 85.4417



125.4920, -6.6516, -60.0675



76.6030, 2.1677, 4.7332



59.4290, 40.2145, 75.0458



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 100.4360, 29.3651, 54.8686 looks on a white background.

Color Contrast Check

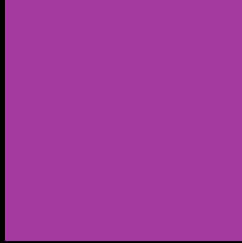
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.4360, 29.3651, 54.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

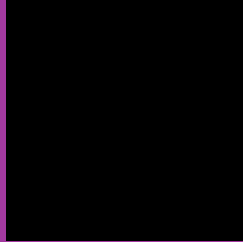
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.4360, 29.3651, 54.8686

Background



This preview shows how black text looks on a background with the YUV color 100.4360, 29.3651, 54.8686.



This preview shows how white text looks on a background with the YUV color 100.4360, 29.3651,

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

100.4360, 29.3651, 54.8686

Protanopia

93.9550, 51.7872, -43.8105

Deuteranopia

101.2360, 25.5197, -18.6240



Tritanopia

102.9950, -8.8715, 45.6084

Trichromacy



Original Color

100.4360, 29.3651, 54.8686



Protanomaly

96.4110, 43.6744, -8.2534



Deuteranomaly

101.1560, 27.0381, 7.7562



Tritanomaly

102.2740, 4.7949, 48.8717

Monochromacy



Original Color

100.4360, 29.3651, 54.8686



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.9930, 10.8495, 20.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4360, 29.3651, 54.8686 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, 57, 160)` looks like.

```
.text, #text, p{  
    color:rgb(163, 57, 160)  
}
```

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, 57, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 57, 160) }
```

Border

The CSS property to change the border of an element to YUV 100.4360, 29.3651, 54.8686 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, 57, 160) }
```


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

```
.border{ border-color:rgb(163, 57, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 57, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 57, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 57, 160);  
box-shadow:4px 4px 4px 4px rgb(163, 57,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 100.4360, 29.3651, 54.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 57, 160) }
```

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

```
.background{ background-color: rgb(163, 57,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor