

Converting Colors

YUV(103.9800, 31.0689,
68.4235)

Have a look what the booklet for
YUV(103.9800, 31.0689, 68.4235)
contains.

YUV(103.9800, 31.0689, 68.4235)	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(103.9800, 31.0689,
68.4235)**

Conversions

Conversions Part 1

Format	Color
Hex	B634A7
RGB	182, 52, 167
RGB Percent	71%, 20%, 65%
CMY	0.2863, 0.7961, 0.3451
CMYK	0.00, 0.71, 0.08, 0.29
HSL	307°, 56%, 46%
HSV	307°, 71%, 71%
XYZ	27.4944, 15.1911, 38.0423
YIQ	103.9800, 40.5650, 63.3250

Conversions

Conversions Part 2

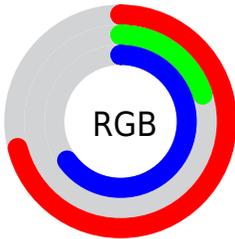
Format	Color
R_{YB}	182, 52, 167
Decimal	11941031
CIE _{Lab}	45.89, 63.89, -34.15
CIE _{LCh}	46, 72.444, 331.876
Yxy	15.1911, 0.3406, 0.1882
Android (android.graphics.Color)	4290131111 (0xFFB634A7)
YUV	103.9800, 31.0689, 68.4235
Hunter-Lab	38.9757, 57.7107, -30.5870

Details

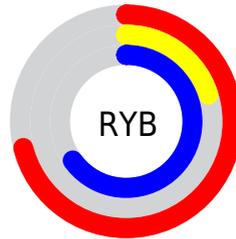
The YUV color **103.9800, 31.0689, 68.4235** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **130.0200, -31.0689, -68.4235**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0510, 30.0479, 69.2383**, and **50.3710, 31.3691, 65.4496** is the 20% darker color. If you saturate the color by 10%, you get **93.1860, 35.4043, 77.8899**, and if you desaturate by 10%, it is **114.7740, 26.7334, 58.9572**.

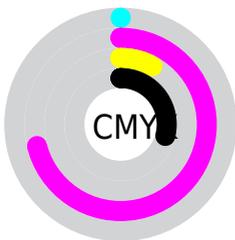
Distribution



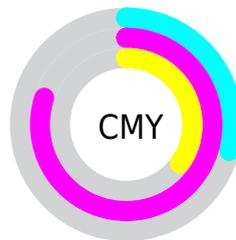
- Red (71%)
- Green (20%)
- Blue (65%)



- Red (71%)
- Yellow (20%)
- Blue (65%)



- Cyan (0%)
- Magenta (71%)
- Yellow (8%)
- Black (29%)



- Cyan (29%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9800, 31.0689, 68.4235 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 103.9800, 31.0689, 68.4235 by changing the saturation by 10% instead.

 103.9800, 31.0689,
68.4235

 103.9800, 31.0689,
68.4235

255.0000, 0.0000,
0.0000

 68.1640, 35.4151,
74.4012

 162.0510, 30.0479,
69.2383

 50.3710, 31.3691,
65.4496

 185.8650, 32.1116,
60.6314

 39.5620, 24.8659,
51.2501

 203.3440, 25.4664,
45.3023

 28.7530, 18.3628,
37.0506

 220.3670, 17.0741,
30.3731

 18.3570, 12.1490,
23.3659

 237.3900, 8.6817,
15.4440

 2.3940, 9.1728,
-2.0995

254.4130, 0.2894,

 0.0000, 0.0000,

0.5148

0.0000

■ 103.9800, 31.0689,
68.4235

■ 103.9800, 31.0689,
68.4235

■ 93.1860, 35.4043,
77.8899

■ 114.7740, 26.7334,
58.9572

■ 82.3920, 39.7397,
87.3562

■ 125.5680, 22.3980,
49.4909

■ 72.7720, 43.4964,
95.7930

■ 136.9490, 17.7731,
39.5097

■ 147.7430, 13.4377,
30.0434

■ 158.6510, 9.5391,
20.4771

■ 169.4450, 5.2036,
11.0107

■ 180.2390, 0.8682,
1.5444

■ 191.6200, -3.7567,
-8.4367

■ 202.4140, -8.0921,
-17.9031

Harmonies

Analogous

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



108.8060, 51.3676, -2.4609



103.9800, 31.0689, 68.4235



83.0320, 12.3092, 112.2279

Triad

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



103.9800, 31.0689, 68.4235



101.9670, -50.2697, 23.7079



98.2660, 36.3509, -86.1793

Complementary

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



103.9800, 31.0689, 68.4235



130.0200, -31.0689, -68.4235

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.



91.3120, 9.7062, -80.0806



103.9800, 31.0689, 68.4235



91.9350, -45.3240, -22.7450

Square

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



103.9800, 31.0689, 68.4235



100.7580, -49.6737, 65.9872



82.1410, -17.8175, -72.0377



100.3470, 57.0169, -88.0043

Rectangle

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



103.9800, 31.0689, 68.4235



88.4510, -10.0823, 107.4755



82.1410, -17.8175, -72.0377



95.9860, 27.6149, -84.1797

Sweetspot

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



103.9800, 31.0689, 68.4235



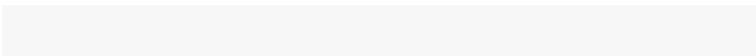
206.9660, 11.8488, 26.3398



70.7070, 54.8674, -5.0050



101.9340, 6.9345, 15.8439



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



103.9800, 31.0689, 68.4235



114.6300, 48.9894, 107.3185



96.7980, 3.5506, 74.7222



86.6030, 2.1677, 4.7332



62.3760, 37.2826, 82.1082



11.2220, 6.7926, 14.7143

Inverse Universe

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



103.9800, 31.0689, 68.4235



114.6300, 48.9894, 107.3185



137.2020, -3.5506, -74.7222



86.6030, 2.1677, 4.7332



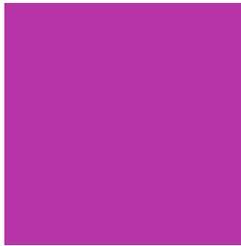
62.3760, 37.2826, 82.1082



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 103.9800, 31.0689, 68.4235 looks on a white background.

Color Contrast Check

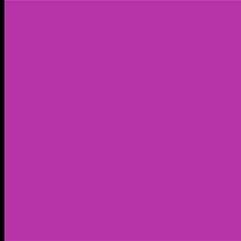
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9800, 31.0689, 68.4235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

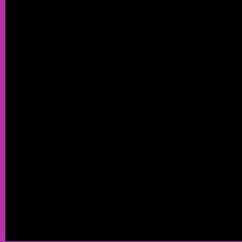
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9800, 31.0689, 68.4235

Background



This preview shows how black text looks on a background with the YUV color 103.9800, 31.0689, 68.4235.



This preview shows how white text looks on a background with the YUV color 103.9800, 31.0689, 68.4235.

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

103.9800, 31.0689, 68.4235

Protanopia

99.2900, 57.0450, -50.2433

Deuteranopia

109.0190, 24.6406, -16.6797



Tritanopia

107.6760, -11.6723, 57.2891

Trichromacy



Original Color

103.9800, 31.0689, 68.4235



Protanomaly

100.8610, 47.8895, -6.8941



Deuteranomaly

106.9010, 27.1638, 14.1188



Tritanomaly

106.1230, 3.8834, 61.2821

Monochromacy



Original Color

103.9800, 31.0689, 68.4235



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.8410, 11.4174, 24.6954

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9800, 31.0689, 68.4235 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(182, 52, 167)` looks like.

```
.text, #text, p{  
    color:rgb(182, 52, 167)  
}
```

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(182, 52, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 52, 167) }
```

Border

The CSS property to change the border of an element to YUV 103.9800, 31.0689, 68.4235 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(182, 52, 167) }
```

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

```
.border{ border-color:rgb(182, 52, 167) }
```

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

Here you see how a box with a 4 pixel rgb(182, 52, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 52, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 52, 167);  
box-shadow:4px 4px 4px 4px rgb(182, 52,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 103.9800, 31.0689, 68.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 52, 167) }
```

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

```
.background{ background-color: rgb(182, 52,  
167) }
```

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