

Converting Colors

XYZ(39.1892, 31.9086, 57.5959)

Have a look what the booklet for
XYZ(39.1892, 31.9086, 57.5959)
contains.

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Color

**XYZ(39.1067, 31.8443,
57.5115)**

Conversions

Conversions Part 1

Format	Color
Hex	BA87C6
RGB	186, 135, 198
RGB Percent	73%, 53%, 78%
CMY	0.2706, 0.4706, 0.2235
CMYK	0.06, 0.32, 0.00, 0.22
HSL	289°, 36%, 65%
HSV	289°, 32%, 78%
XYZ	39.1067, 31.8443, 57.5115
YIQ	157.4310, 10.1730, 30.4050

Conversions

Conversions Part 2

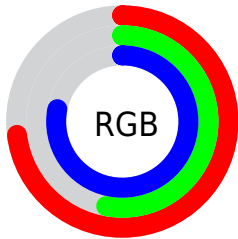
Format	Color
R _Y B	186, 135, 198
Decimal	12224454
CIE Lab	63.21, 30.44, -25.09
CIE LCh	63, 39.453, 320.503
Yxy	31.8443, 0.3044, 0.2479
Android (android.graphics.Color)	4290414534 (0xFFBA87C6)
YUV	157.4310, 20.0005, 25.0550
Hunter-Lab	56.4308, 24.9473, -20.9240

Details

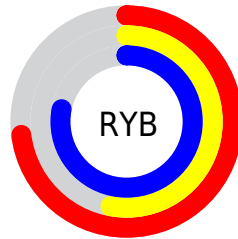
The XYZ color **39.1067, 31.8443, 57.5115** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.6010, 48.3413, 30.3250**, and the grayscale version is **32.1523, 33.8267, 36.8373**.

A 20% lighter version of the original color is **73.2097, 62.6699, 102.8457**, and **17.7201, 13.2598, 28.0110** is the 20% darker color. If you saturate the color by 10%, you get **35.6929, 26.3584, 56.6330**, and if you desaturate by 10%, it is **43.0604, 38.3728, 58.5637**.

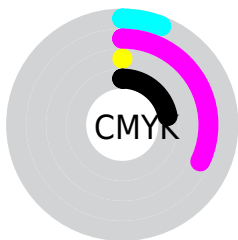
Distribution



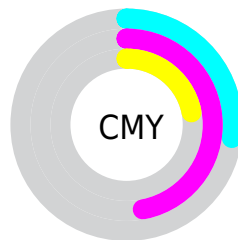
- Red (73%)
- Green (53%)
- Blue (78%)



- Red (73%)
- Yellow (53%)
- Blue (78%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)





- Cyan (27%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1067, 31.8443, 57.5115 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 XYZ color 39.1067, 31.8443, 57.5115 by changing the saturation by 10% instead.


 39.1067, 31.8443,
57.5115


 39.1067, 31.8443,
57.5115

333.5433,
310.4094, 432.9105


 27.0238, 21.2426,
41.0040


 73.0943, 62.5669,
102.7189

 17.7278, 13.3015,
28.0024


 95.7298, 83.4566,
132.2558

 10.8532, 7.6365,
18.0884


 122.6135,
108.5445, 166.9729

 6.0348, 3.8632,
10.8434

154.1108,
138.2148, 207.2888

 2.9071, 1.5973,
5.8488

190.5871,
172.8521, 253.6219

 1.1048, 0.3558,
2.6861

232.4077,

 0.0292, 0.0000,

212.8407, 306.3909

0.9364

279.9380,
258.5650, 366.0143

■ 0.0000, 0.0000,
0.0000

■ 39.1067, 31.8443,
57.5115

■ 39.1067, 31.8443,
57.5115

■ 35.6929, 26.3584,
56.6330

■ 43.0604, 38.3728,
58.5637

■ 32.7873, 21.8540,
55.9167

■ 47.5776, 45.9926,
59.7964

■ 30.3594, 18.2695,
55.3528

■ 52.6838, 54.7541,
61.2184

■ 28.3740, 15.5351,
54.9297

■ 58.4024, 64.7036,
62.8375

■ 26.7909, 13.5704,
54.6339

■ 64.7552, 75.8846,
64.6608

■ 25.5621, 12.2798,
54.4495

■ 71.7630, 88.3385,
66.6953

■ 24.7476, 11.5803,
54.3575

■ 73.2205, 89.6541,
66.8724

■ 74.3232, 90.2226,
66.9240

■ 75.4516, 90.8043,
66.9768

Harmonies

Analogous

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



34.0927, 31.8443, 71.1202



39.1067, 31.8443, 57.5115



41.8395, 31.8443, 39.8709

Triad

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



39.1067, 31.8443, 57.5115



32.0314, 31.8443, 12.6784



21.4649, 31.8443, 46.2986

Complementary

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



39.1067, 31.8443, 57.5115



36.6010, 48.3413, 30.3250

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.



21.0533, 31.8443, 29.9478



39.1067, 31.8443, 57.5115



26.7388, 31.8443, 13.4565

Square

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



39.1067, 31.8443, 57.5115



37.4428, 31.8443, 16.2705



22.8712, 31.8443, 18.8576



24.0722, 31.8443, 63.4130

Rectangle

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



39.1067, 31.8443, 57.5115



41.7998, 31.8443, 29.4789



22.8712, 31.8443, 18.8576



21.0785, 31.8443, 40.4440

Sweetspot

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



39.1077, 31.8457, 57.5122



85.6834, 83.8861, 106.2834



30.7133, 30.2842, 57.6532



18.0768, 17.5068, 22.6763



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.1077, 31.8457, 57.5122



65.0665, 49.6338, 100.7586



40.1005, 32.5938, 46.8796



10.8775, 10.7106, 13.4115



16.1624, 7.5662, 35.3529



0.8177, 0.3853, 1.6764

Inverse Universe

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



37.2202, 31.4417, 31.7124



61.3757, 48.9045, 47.5687



36.0113, 47.8697, 37.8714



10.7150, 10.6694, 11.4827



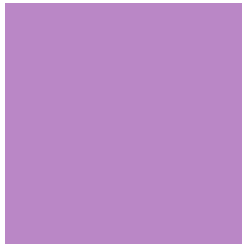
15.3937, 7.9070, 2.0171



0.7544, 0.3846, 0.2297

Previews

White Background



This preview shows how the XYZ color 39.1067, 31.8443, 57.5115 looks on a white background.

Color Contrast Check

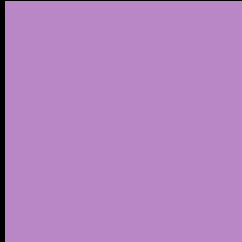
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.1067, 31.8443, 57.5115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

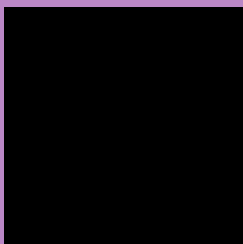
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1067, 31.8443, 57.5115

Background



This preview shows how black text looks on a background with the XYZ color 39.1067, 31.8443, 57.5115.



This preview shows how white text looks on a background with the XYZ color 39.1067, 31.8443,

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

39.1067, 31.8443, 57.5115

Protanopia

32.8528, 32.0206, 65.4218

Deuteranopia

32.6107, 31.8638, 56.0613



Tritanopia

34.7120, 32.0164, 35.3606

Trichromacy



Original Color

39.1067, 31.8443, 57.5115

Protanomaly

34.5924, 31.5771, 62.6643

Deuteranomaly

34.7871, 31.8134, 56.5317

Tritanomaly

36.1670, 31.9351, 42.7860

Monochromacy



Original Color

39.1067, 31.8443, 57.5115

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.3423, 32.7983, 43.5504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1067, 31.8443, 57.5115 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(186, 135, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 135, 198)  
}
```

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(186, 135, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 135, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.1067, 31.8443, 57.5115 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(186, 135, 198) }
```


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

```
.border{ border-color:rgb(186, 135, 198) }
```

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

Here you see how a box with a 4 pixel rgb(186, 135, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 135, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 135, 198);  
box-shadow:4px 4px 4px 4px rgb(186, 135,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1067, 31.8443, 57.5115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 135, 198) }
```

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

```
.background{ background-color: rgb(186,  
135, 198) }
```

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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