

Converting Colors

XYZ(40.0603, 33.0959, 56.0244)

Have a look what the booklet for
XYZ(40.0603, 33.0959, 56.0244)
contains.

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Color

**XYZ(39.9251, 32.9359,
55.8827)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BD8AC3 |
| RGB | 189, 138, 195 |
| RGB Percent | 74%, 54%, 76% |
| CMY | 0.2588, 0.4588, 0.2353 |
| CMYK | 0.03, 0.29, 0.00, 0.24 |
| HSL | 294°, 32%, 65% |
| HSV | 294°, 29%, 76% |
| XYZ | 39.9251, 32.9359, 55.8827 |
| YIQ | 159.7470, 12.0990, 28.5390 |

Conversions

Conversions Part 2

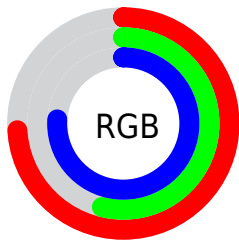
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 189, 138, 195 |
| Decimal | 12421827 |
| CIELab | 64.11, 29.16, -22.01 |
| CIELCh | 64, 36.536, 322.958 |
| Yxy | 32.9359, 0.3101, 0.2558 |
| Android (android.graphics.Color) | 4290611907 (0xFFBD8AC3) |
| YUV | 159.7470, 17.3797, 25.6549 |
| Hunter-Lab | 57.3898, 23.7472, -17.5601 |

Details

The XYZ color **39.9251, 32.9359, 55.8827** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.6052, 46.7952, 31.2021**, and the grayscale version is **33.2167, 34.9466, 38.0569**.

A 20% lighter version of the original color is **74.4264, 64.3204, 100.5878**, and **18.2076, 13.8904, 26.9208** is the 20% darker color. If you saturate the color by 10%, you get **36.8694, 27.5745, 55.0094**, and if you desaturate by 10%, it is **43.4923, 39.3085, 56.9252**.

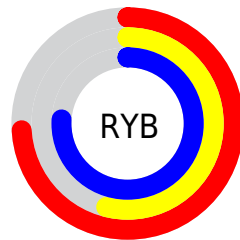
Distribution



Red (74%)

Green (54%)

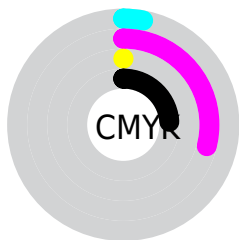
Blue (76%)



Red (74%)

Yellow (54%)

Blue (76%)

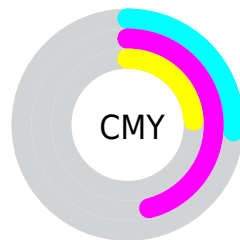


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (26%)


Magenta (46%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9251, 32.9359, 55.8827 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 39.9251, 32.9359, 55.8827 by changing the saturation by 10% instead.


 39.9251, 32.9359,
55.8827


 39.9251, 32.9359,
55.8827

336.9476,
315.3608, 426.6252


 27.6641, 22.0773,
39.7055


 74.3345, 64.2754,
100.3171

 18.2118, 13.9137,
26.9970


 97.2136, 85.5252,
129.4115

 11.2027, 8.0607,
17.3385


 124.3628,
111.0075, 163.6486

 6.2717, 4.1338,
10.3116

156.1475,
141.1067, 203.4471

 3.0532, 1.7487,
5.4978

192.9329,
176.2073, 249.2254

 1.1820, 0.4549,
2.4784

235.0845,

 0.0920, 0.0000,

216.6936, 301.4022

0.8287

282.9676,
262.9499, 360.3959

■ 0.0000, 0.0000,
0.0000

■ 39.9251, 32.9359,
55.8827

■ 39.9251, 32.9359,
55.8827

■ 36.8694, 27.5745,
55.0094

■ 43.4923, 39.3085,
56.9252

■ 34.2953, 23.1660,
54.2941

■ 47.5929, 46.7376,
58.1430

■ 32.1743, 19.6533,
53.7279

■ 52.2511, 55.2712,
59.5447

■ 30.4737, 16.9709,
53.2998

■ 57.4888, 64.9531,
61.1374

■ 29.1565, 15.0446,
52.9974

■ 63.3267, 75.8244,
62.9281

■ 28.1788, 13.7870,
52.8062

■ 69.7830, 87.9216,
64.9228

■ 27.4640, 13.0445,
52.7005

■ 70.3396, 88.2085,
64.9489

■ 27.4122, 12.9936,
52.6934

■ 70.9036, 88.4993,
64.9753

■ 71.4751, 88.7939,
65.0020

Harmonies

Analogous

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



35.3428, 32.9359, 68.9679



39.9251, 32.9359, 55.8827



42.2387, 32.9359, 39.4652

Triad

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



39.9251, 32.9359, 55.8827



32.5388, 32.9359, 14.3832



23.0171, 32.9359, 48.1469

Complementary

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



39.9251, 32.9359, 55.8827



35.6052, 46.7952, 31.2021

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.



22.4418, 32.9359, 32.4844



39.9251, 32.9359, 55.8827



27.5864, 32.9359, 15.5212

Square

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



39.9251, 32.9359, 55.8827



37.6805, 32.9359, 17.6044



24.0239, 32.9359, 21.3044



25.6918, 32.9359, 63.7115

Rectangle

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



39.9251, 32.9359, 55.8827



42.0216, 32.9359, 29.8512



24.0239, 32.9359, 21.3044



22.5847, 32.9359, 42.6291

Sweetspot

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



39.9261, 32.9373, 55.8834



85.3090, 83.8348, 104.1553



30.4049, 29.4889, 55.7196



18.4294, 17.8993, 22.7335



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.



39.9261, 32.9373, 55.8834



67.9481, 52.7223, 99.0650



39.1525, 32.8034, 43.8805



10.3895, 10.1919, 12.7045



17.8586, 8.4669, 34.2496



0.8022, 0.3816, 1.4813

Inverse Universe

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



36.6292, 31.7941, 30.5932



61.1810, 50.3960, 46.2374



36.3295, 46.9671, 40.3410



10.1153, 10.0947, 10.6979



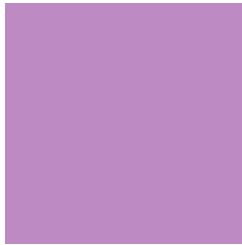
14.7280, 7.5809, 1.2136



0.6511, 0.3335, 0.1302

Previews

White Background



This preview shows how the XYZ color 39.9251, 32.9359, 55.8827 looks on a white background.

Color Contrast Check

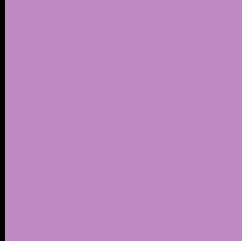
Large Text (above 18pt) WCAG AA × Fail

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 39.9251, 32.9359, 55.8827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

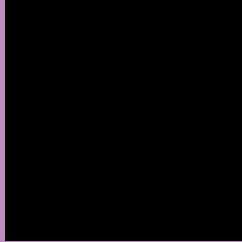
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9251, 32.9359, 55.8827

Background



This preview shows how black text looks on a background with the XYZ color 39.9251, 32.9359, 55.8827.



This preview shows how white text looks on a background with the XYZ color 39.9251, 32.9359,

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

39.9251, 32.9359, 55.8827

Protanopia

33.6807, 33.2302, 63.0314

Deuteranopia

33.6916, 32.9376, 54.4510



Tritanopia

35.9784, 32.8755, 36.3476

Trichromacy



Original Color

39.9251, 32.9359, 55.8827

Protanomaly

35.3511, 32.7132, 60.3282

Deuteranomaly

35.5764, 32.7170, 54.8920

Tritanomaly

37.2734, 32.7254, 42.8802

Monochromacy



Original Color

39.9251, 32.9359, 55.8827

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.5656, 34.1315, 44.2487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9251, 32.9359, 55.8827 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(189, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 138, 195)  
}
```

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(189, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 138, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.9251, 32.9359, 55.8827 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(189, 138, 195) }
```


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

```
.border{ border-color:rgb(189, 138, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 138, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 138,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9251, 32.9359, 55.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 138, 195) }
```

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

```
.background{ background-color: rgb(189,  
138, 195) }
```

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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