

Converting Colors

XYZ(42.4441, 39.0771, 58.8015)

Have a look what the booklet for
XYZ(42.4441, 39.0771, 58.8015)
contains.

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Color

**XYZ(42.3583, 39.0638,
58.7336)**

Conversions

Conversions Part 1

Format	Color
Hex	B89FC6
RGB	184, 159, 198
RGB Percent	72%, 62%, 78%
CMY	0.2784, 0.3765, 0.2235
CMYK	0.07, 0.20, 0.00, 0.22
HSL	278°, 25%, 70%
HSV	278°, 20%, 78%
XYZ	42.3583, 39.0638, 58.7336
YIQ	170.9210, 2.3810, 17.4290

Conversions

Conversions Part 2

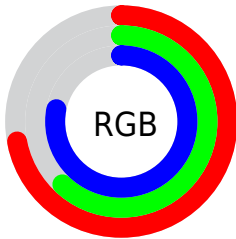
Format	Color
RYB	184, 159, 198
Decimal	12099526
CIELab	68.80, 16.41, -16.60
CIELCh	69, 23.346, 314.666
Yxy	39.0638, 0.3022, 0.2787
Android (android.graphics.Color)	4290289606 (0xFFB89FC6)
YUV	170.9210, 13.3499, 11.4703
Hunter-Lab	62.5010, 11.5965, -11.9654

Details

The XYZ color **42.3583, 39.0638, 58.7336** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.6870, 51.7766, 40.4941**, and the grayscale version is **38.6043, 40.6147, 44.2294**.

A 20% lighter version of the original color is **78.0317, 73.8384, 104.7473**, and **19.6518, 17.3543, 28.6995** is the 20% darker color. If you saturate the color by 10%, you get **37.5625, 31.9362, 57.6112**, and if you desaturate by 10%, it is **47.7874, 47.3296, 60.0435**.

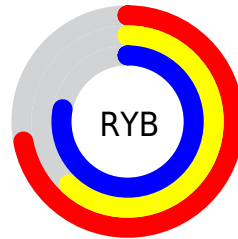
Distribution



Red (72%)

Green (62%)

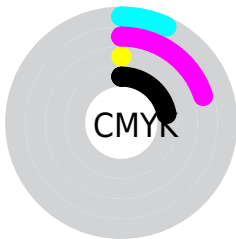
Blue (78%)



Red (72%)

Yellow (62%)

Blue (78%)

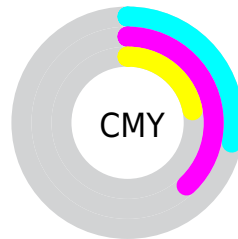


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3583, 39.0638, 58.7336 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 42.3583, 39.0638, 58.7336 by changing the saturation by 10% instead.


 42.3583, 39.0638,
58.7336

 42.3583, 39.0638,
58.7336


346.9325,
342.1617, 437.5883

 29.5743, 26.8094,
41.9801


 78.0034, 73.7358,
104.5157

 19.6621, 17.4301,
28.7603


 101.5952, 96.9221,
134.3814

 12.2565, 10.5416,
18.6555

129.5202,
124.5212, 169.4549

 6.9921, 5.7595,
11.2473

162.1439,
156.9174, 210.1547

 3.5034, 2.6994,
6.1172

199.8317,
194.4952, 256.8994

 1.4252, 0.9769,
2.8465

242.9488,

 0.2741, 0.0000,

237.6389, 310.1076

1.0168

291.8606,
286.7329, 370.1977

■ 0.0000, 0.0000,
0.0000

■ 42.3583, 39.0638,
58.7336

■ 42.3583, 39.0638,
58.7336

■ 37.5625, 31.9362,
57.6112

■ 47.7874, 47.3296,
60.0435

■ 33.3693, 25.8894,
56.6651

■ 53.8717, 56.7776,
61.5465

■ 29.7507, 20.8683,
55.8866

■ 60.6363, 67.4555,
63.2510

■ 26.6746, 16.8109,
55.2656

■ 68.1038, 79.4070,
65.1643

■ 24.1055, 13.6484,
54.7905

■ 75.3298, 90.7415,
66.9712

■ 22.0035, 11.3023,
54.4485

■ 77.5213, 91.8712,
67.0738

■ 20.3211, 9.6804,
54.2241

■ 79.8053, 93.0487,
67.1807

■ 18.9725, 8.6129,
54.0891

■ 82.1830, 94.2744,
67.2919

■ 18.9337, 8.5832,
54.0855

■ 84.6553, 95.5489,
67.4076

Harmonies

Analogous

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



38.9596, 39.0638, 65.4477



42.3583, 39.0638, 58.7336



44.4217, 39.0638, 48.1529

Triad

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



42.3583, 39.0638, 58.7336



39.0424, 39.0638, 25.7542



30.6627, 39.0638, 47.9040

Complementary

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



42.3583, 39.0638, 58.7336



43.6870, 51.7766, 40.4941

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.



30.6816, 39.0638, 37.3699



42.3583, 39.0638, 58.7336



35.3566, 39.0638, 25.7102

Square

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



42.3583, 39.0638, 58.7336



42.4224, 39.0638, 29.7579



32.3488, 39.0638, 29.6257



32.2953, 39.0638, 58.5255

Rectangle

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



42.3583, 39.0638, 58.7336



44.6811, 39.0638, 40.8978



32.3488, 39.0638, 29.6257



30.4797, 39.0638, 44.2130

Sweetspot

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



42.3595, 39.0655, 58.7345



88.3699, 89.5968, 107.2441



39.4938, 41.4521, 59.3462



18.7648, 18.9453, 22.9177



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.



42.3595, 39.0655, 58.7345



70.9113, 63.0433, 103.0389



45.2913, 40.6450, 55.7941



10.6995, 10.6189, 13.4032



12.4091, 5.6314, 35.1773



0.6646, 0.3063, 1.6692

Inverse Universe

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



43.2310, 39.8208, 44.9446



72.8523, 64.7006, 73.4588



41.2124, 50.4476, 42.7837



10.7886, 10.6988, 11.8698



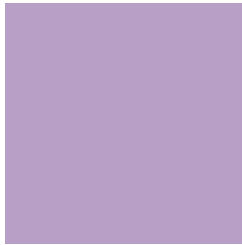
15.9240, 8.1192, 4.8096



0.7886, 0.3983, 0.4099

Previews

White Background



This preview shows how the XYZ color 42.3583, 39.0638, 58.7336 looks on a white background.

Color Contrast Check

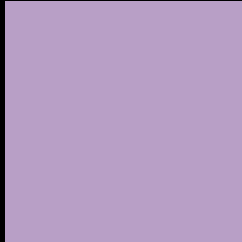
Large Text (above 18pt) WCAG AA × Fail

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 42.3583, 39.0638, 58.7336 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 42.3583, 39.0638, 58.7336

Background



This preview shows how black text looks on a background with the XYZ color 42.3583, 39.0638, 58.7336.



This preview shows how white text looks on a background with the XYZ color 42.3583, 39.0638,

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

42.3583, 39.0638, 58.7336

Protanopia

38.9129, 39.0578, 61.9879

Deuteranopia

39.9311, 39.1282, 58.2712



Tritanopia

39.9897, 39.1527, 46.5238

Trichromacy



Original Color

42.3583, 39.0638, 58.7336

Protanomaly

40.0020, 38.8464, 60.6481

Deuteranomaly

40.6776, 38.9858, 58.2044

Tritanomaly

40.8635, 39.2464, 50.7690

Monochromacy



Original Color

42.3583, 39.0638, 58.7336

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.0637, 40.2037, 49.3646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3583, 39.0638, 58.7336 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(184, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 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(184, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.3583, 39.0638, 58.7336 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(184, 159, 198) }
```


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

```
.border{ border-color:rgb(184, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 159,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3583, 39.0638, 58.7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 198) }
```

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

```
.background{ background-color: rgb(184,  
159, 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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