

Converting Colors

XYZ(42.8929, 39.4715, 52.8353)

Have a look what the booklet for
XYZ(42.8929, 39.4715, 52.8353)
contains.

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Color

**XYZ(42.9611, 39.5035,
52.9376)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9FBC
RGB	191, 159, 188
RGB Percent	75%, 62%, 74%
CMY	0.2510, 0.3765, 0.2627
CMYK	0.00, 0.17, 0.02, 0.25
HSL	306°, 20%, 69%
HSV	306°, 17%, 75%
XYZ	42.9611, 39.5035, 52.9376
YIQ	171.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

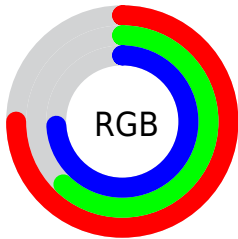
Format	Color
R_{YB}	191, 159, 188
Decimal	12558268
CIE _{Lab}	69.11, 16.85, -10.52
CIE _{LCh}	69, 19.861, 328.030
Yxy	39.5035, 0.3173, 0.2917
Android (android.graphics.Color)	4290748348 (0xFFBF9FBC)
YUV	171.8740, 7.9501, 16.7735
Hunter-Lab	62.8518, 12.0194, -5.9414

Details

The XYZ color **42.9611, 39.5035, 52.9376** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.4520, 47.2423, 41.2239**, and the grayscale version is **39.1076, 41.1442, 44.8061**.

A 20% lighter version of the original color is **79.0871, 74.5812, 95.8152**, and **19.9474, 17.5830, 25.2642** is the 20% darker color. If you saturate the color by 10%, you get **39.7356, 33.3589, 50.9162**, and if you desaturate by 10%, it is **46.6989, 46.6676, 55.1425**.

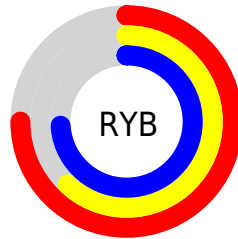
Distribution



Red (75%)

Green (62%)

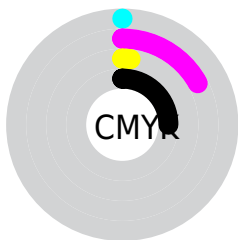
Blue (74%)



Red (75%)

Yellow (62%)

Blue (74%)

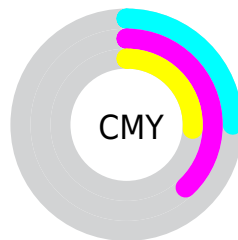


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9611, 39.5035, 52.9376 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 42.9611, 39.5035, 52.9376 by changing the saturation by 10% instead.

■ 42.9611, 39.5035,
52.9376

■ 42.9611, 39.5035,
52.9376

349.3760,
344.0264, 415.1052

■ 30.0490, 27.1516,
37.3656

■ 78.9082, 74.4069,
95.9532

■ 20.0240, 17.6871,
25.1927

■ 102.6740, 97.7272,
124.2338

■ 12.5209, 10.7256,
16.0003

130.7883,
125.4724, 157.5877

■ 7.1742, 5.8826,
9.3700

163.6165,
158.0270, 196.4334

■ 3.6186, 2.7738,
4.8832

201.5241,
195.7753, 241.1894

■ 1.4887, 1.0148,
2.1214

244.8762,

■ 0.3181, 0.0000,

239.1017, 292.2744

0.6284

294.0384,
288.3906, 350.1068

■ 0.0000, 0.0000,
0.0000

■ 42.9611, 39.5035,
52.9376

■ 42.9611, 39.5035,
52.9376

■ 39.7356, 33.3589,
50.9162

■ 46.6989, 46.6676,
55.1425

■ 36.9955, 28.1820,
49.0679

■ 50.9672, 54.8894,
57.5356

■ 34.7171, 23.9246,
47.3853

■ 55.7876, 64.2116,
60.1247

■ 32.8730, 20.5321,
45.8591

■ 61.1795, 74.6729,
62.9162

■ 31.4331, 17.9442,
44.4793

■ 67.1614, 86.3103,
65.9164

■ 30.3633, 16.0926,
43.2345

■ 67.5255, 86.7083,
67.0560

■ 29.6239, 14.8983,
42.1114

■ 67.7344, 86.7918,
68.1560

■ 29.1617, 14.2545,
41.0923

■ 67.9457, 86.8764,
69.2688

■ 29.0379, 14.0972,
40.7725

■ 68.1595, 86.9619,
70.3947

Harmonies

Analogous

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



40.4860, 39.5035, 60.3428



42.9611, 39.5035, 52.9376



43.9768, 39.5035, 43.6156

Triad

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



42.9611, 39.5035, 52.9376



37.7569, 39.5035, 27.8134



32.4174, 39.5035, 51.7526

Complementary

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



42.9611, 39.5035, 52.9376



39.4520, 47.2423, 41.2239

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.



31.7764, 39.5035, 42.4152



42.9611, 39.5035, 52.9376



34.7535, 39.5035, 29.3655

Square

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



42.9611, 39.5035, 52.9376



40.8690, 39.5035, 29.8334



32.6078, 39.5035, 34.4128



34.4099, 39.5035, 59.5937

Rectangle

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



42.9611, 39.5035, 52.9376



43.6489, 39.5035, 37.8304



32.6078, 39.5035, 34.4128



32.0418, 39.5035, 48.6476

Sweetspot

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



42.9623, 39.5052, 52.9384



84.8484, 85.9100, 99.4524



36.6365, 36.2064, 54.3485



18.5181, 18.6461, 21.7739



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.9623, 39.5052, 52.9384



74.7821, 66.6248, 93.4842



41.3638, 38.8658, 44.5211



9.8903, 9.6804, 11.8116



19.0991, 9.2708, 26.8791



0.7595, 0.3677, 1.1127

Inverse Universe

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



42.9623, 39.5052, 52.9384



74.7821, 66.6248, 93.4842



40.9327, 47.8346, 49.0212



9.8903, 9.6804, 11.8116



19.0991, 9.2708, 26.8791



0.7595, 0.3677, 1.1127

Previews

White Background



This preview shows how the XYZ color 42.9611, 39.5035, 52.9376 looks on a white background.

Color Contrast Check

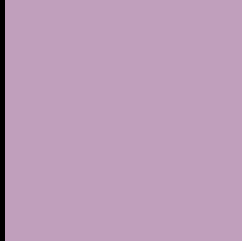
Large Text (above 18pt) WCAG AA × Fail

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 42.9611, 39.5035, 52.9376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

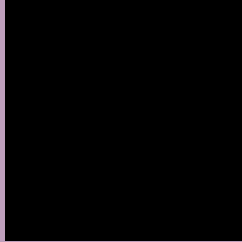
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9611, 39.5035, 52.9376

Background



This preview shows how black text looks on a background with the XYZ color 42.9611, 39.5035, 52.9376.



This preview shows how white text looks on a background with the XYZ color 42.9611, 39.5035,

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

42.9611, 39.5035, 52.9376

Protanopia

38.9381, 39.7480, 56.0720

Deuteranopia

40.3766, 39.4859, 52.5072



Tritanopia

41.3711, 39.3645, 45.4620

Trichromacy



Original Color

42.9611, 39.5035, 52.9376

Protanomaly

40.3147, 39.6705, 54.8226

Deuteranomaly

41.1814, 39.3736, 52.4431

Tritanomaly

41.9427, 39.3434, 48.0312

Monochromacy



Original Color

42.9611, 39.5035, 52.9376

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4450, 40.4355, 47.7926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9611, 39.5035, 52.9376 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(191, 159, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 188)  
}
```

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(191, 159, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.9611, 39.5035, 52.9376 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(191, 159, 188) }
```


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

```
.border{ border-color:rgb(191, 159, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 159, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 159, 188);  
box-shadow:4px 4px 4px 4px rgb(191, 159,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9611, 39.5035, 52.9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 188) }
```

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

```
.background{ background-color: rgb(191,  
159, 188) }
```

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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