

Converting Colors

XYZ(43.8702, 38.2930, 72.0969)

Have a look what the booklet for
XYZ(43.8702, 38.2930, 72.0969)
contains.

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Color

**XYZ(43.8702, 38.2930,
72.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	B79ADB
RGB	183, 154, 219
RGB Percent	72%, 60%, 86%
CMY	0.2823, 0.3961, 0.1412
CMYK	0.16, 0.30, 0.00, 0.14
HSL	267°, 47%, 73%
HSV	267°, 30%, 86%
XYZ	43.8702, 38.2930, 72.0969
YIQ	170.0810, -3.5810, 26.3630

Conversions

Conversions Part 2

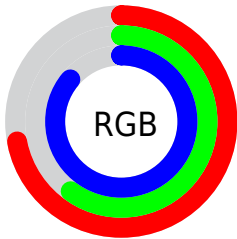
Format	Color
RYB	183, 154, 219
Decimal	12032731
CIELab	68.24, 23.32, -29.09
CIELCh	68, 37.282, 308.724
Yxy	38.2930, 0.2844, 0.2482
Android (android.graphics.Color)	4290222811 (0xFFB79ADB)
YUV	170.0810, 24.1171, 11.3300
Hunter-Lab	61.8813, 18.2536, -25.7608

Details

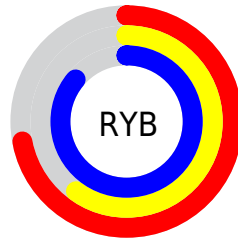
The XYZ color **43.8702, 38.2930, 72.0969** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.4008, 63.9443, 40.1543**, and the grayscale version is **38.1348, 40.1208, 43.6915**.

A 20% lighter version of the original color is **76.7856, 71.3462, 104.3319**, and **20.6043, 17.0480, 37.3266** is the 20% darker color. If you saturate the color by 10%, you get **37.8185, 30.2889, 70.8715**, and if you desaturate by 10%, it is **50.8325, 47.7472, 73.5554**.

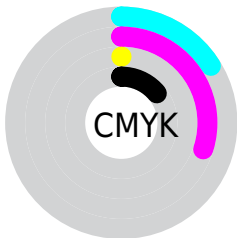
Distribution



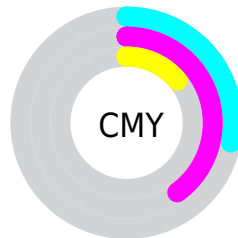
- Red (72%)
- Green (60%)
- Blue (86%)



- Red (72%)
- Yellow (60%)
- Blue (86%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)





- Cyan (28%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8702, 38.2930, 72.0969 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 43.8702, 38.2930, 72.0969 by changing the saturation by 10% instead.


 43.8702, 38.2930,
72.0969


 43.8702, 38.2930,
72.0969


353.0395,
338.8752, 486.8654

 30.7660, 26.2102,
52.7505


 80.2699, 72.5570,
123.9033

 20.5716, 16.9809,
37.2173


 104.2962, 95.5070,
157.2004

 12.9219, 10.2209,
25.0787

132.6937,
122.8481, 195.9848

 7.4514, 5.5457,
15.9161

165.8280,
154.9648, 240.6750

 3.7948, 2.5708,
9.3111

204.0644,
192.2415, 291.6897

 1.5867, 0.9120,
4.8451

247.7682,

 0.3837, 0.0000,

235.0625, 349.4473

2.0995

297.3048,
283.8123, 414.3663

■ 0.0000, 0.0000,
0.6155

■ 0.0000, 0.0000,
0.0000

■ 43.8702, 38.2930,
72.0969

■ 43.8702, 38.2930,
72.0969

■ 37.8185, 30.2889,
70.8715

■ 50.8325, 47.7472,
73.5554

■ 32.6314, 23.6551,
69.8645

■ 58.7408, 58.7163,
75.2558

■ 28.2644, 18.3113,
69.0632

■ 67.6330, 71.2666,
77.2096

■ 24.6670, 14.1665,
68.4527

■ 77.5439, 85.4591,
79.4267

■ 21.7822, 11.1171,
68.0162

■ 85.7330, 95.8050,
80.9920

■ 19.5433, 9.0411,
67.7335

■ 89.7863, 97.8945,
81.1817

■ 17.8412, 7.7318,
67.5705

■ 17.7916, 7.6948,
67.5660

Harmonies

Analogous

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



38.1235, 38.2930, 82.1663



43.8702, 38.2930, 72.0969



47.8754, 38.2930, 54.4646

Triad

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



43.8702, 38.2930, 72.0969



40.6180, 38.2930, 18.3603



26.4011, 38.2930, 46.7570

Complementary

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



43.8702, 38.2930, 72.0969



52.4008, 63.9443, 40.1543

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.



26.9166, 38.2930, 31.0951



43.8702, 38.2930, 72.0969



34.7221, 38.2930, 17.3286

Square

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



43.8702, 38.2930, 72.0969



45.8627, 38.2930, 24.6609



29.8235, 38.2930, 21.3260



28.3314, 38.2930, 65.1795

Rectangle

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



43.8702, 38.2930, 72.0969



48.7952, 38.2930, 42.4136



29.8235, 38.2930, 21.3260



26.2988, 38.2930, 40.9838

Sweetspot

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



43.8715, 38.2946, 72.0978



83.6379, 83.8898, 106.3919



44.7085, 49.1749, 74.1538



17.5303, 17.4358, 22.6915



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.



43.8715, 38.2946, 72.0978



56.1273, 46.3449, 100.5950



52.2694, 42.6239, 72.4908



12.8874, 12.9001, 16.4629



10.6714, 4.6255, 40.0688



0.7895, 0.3503, 2.6004

Inverse Universe

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



50.0645, 41.8906, 54.1639



66.5160, 52.3828, 70.2530



45.3318, 60.3001, 39.8235



13.3564, 13.1716, 15.1379



19.4353, 9.7752, 11.9382



1.3023, 0.6505, 1.0007

Previews

White Background



This preview shows how the XYZ color 43.8702, 38.2930, 72.0969 looks on a white background.

Color Contrast Check

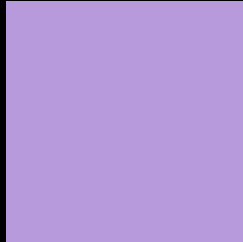
Large Text (above 18pt) WCAG AA × Fail

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 43.8702, 38.2930, 72.0969 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 43.8702, 38.2930, 72.0969

Background



This preview shows how black text looks on a background with the XYZ color 43.8702, 38.2930, 72.0969.



This preview shows how white text looks on a background with the XYZ color 43.8702, 38.2930,

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

43.8702, 38.2930, 72.0969

Protanopia

39.3533, 38.3929, 78.0095

Deuteranopia

39.3174, 38.5292, 71.0103



Tritanopia

38.5627, 38.1659, 45.8917

Trichromacy



Original Color

43.8702, 38.2930, 72.0969

Protanomaly

40.7233, 38.1005, 75.7288

Deuteranomaly

40.7427, 38.2029, 71.5562

Tritanomaly

40.3925, 38.1416, 54.5234

Monochromacy



Original Color

43.8702, 38.2930, 72.0969

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.0318, 39.2957, 53.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8702, 38.2930, 72.0969 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(183, 154, 219)` looks like.

```
.text, #text, p{  
    color:rgb(183, 154, 219)  
}
```

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(183, 154, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 154, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.8702, 38.2930, 72.0969 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(183, 154, 219) }
```


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

```
.border{ border-color:rgb(183, 154, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 154, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 154, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 154, 219);  
box-shadow:4px 4px 4px 4px rgb(183, 154,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8702, 38.2930, 72.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 154, 219) }
```

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

```
.background{ background-color: rgb(183,  
154, 219) }
```

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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