

Converting Colors

XYZ(38.9671, 35.6892, 42.3710)

Have a look what the booklet for
XYZ(38.9671, 35.6892, 42.3710)
contains.

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Color

**XYZ(38.9671, 35.6892,
42.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	BC97A9
RGB	188, 151, 169
RGB Percent	74%, 59%, 66%
CMY	0.2627, 0.4078, 0.3373
CMYK	0.00, 0.20, 0.10, 0.26
HSL	331°, 22%, 66%
HSV	331°, 20%, 74%
XYZ	38.9671, 35.6892, 42.3710
YIQ	164.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

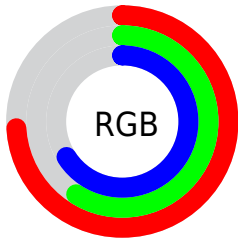
Format	Color
R _Y B	188, 151, 169
Decimal	12359593
CIE Lab	66.28, 16.78, -4.15
CIE LCh	66, 17.284, 346.105
Yxy	35.6892, 0.3330, 0.3050
Android (android.graphics.Color)	4290549673 (0xFFBC97A9)
YUV	164.1150, 2.4083, 20.9471
Hunter-Lab	59.7404, 11.8850, -0.2332

Details

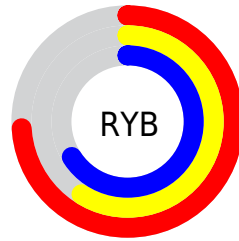
The XYZ color **38.9671, 35.6892, 42.3710** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0029, 45.4490, 44.8020**, and the grayscale version is **35.3257, 37.1654, 40.4731**.

A 20% lighter version of the original color is **72.9421, 68.4569, 79.8901**, and **17.5996, 15.4670, 18.8875** is the 20% darker color. If you saturate the color by 10%, you get **35.3064, 29.7648, 36.8428**, and if you desaturate by 10%, it is **43.1793, 42.6085, 48.4141**.

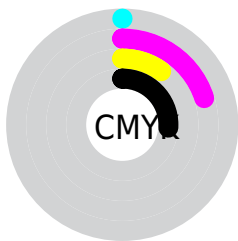
Distribution



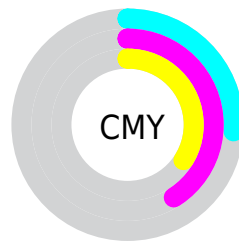
- Red (74%)
- Green (59%)
- Blue (66%)



- Red (74%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (26%)





- Cyan (26%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9671, 35.6892, 42.3710 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 38.9671, 35.6892, 42.3710 by changing the saturation by 10% instead.


 38.9671, 35.6892,
42.3710


 38.9671, 35.6892,
42.3710


332.9602,
327.6001, 371.8635

 26.9147, 24.1943,
29.0642


 72.8824, 68.5521,
80.0370

 17.6455, 15.4778,
18.8834


 95.4761, 90.6888,
105.2332

 10.7939, 9.1554,
11.4101


122.3143,
117.1416, 135.2296

 5.9947, 4.8427,
6.2257

153.7624,
148.2948, 170.4447

 2.8825, 2.1553,
2.9118

190.1856,
184.5329, 211.2971

 1.0919, 0.6954,
1.0498

231.9494,

 0.0183, 0.0000,

226.2402, 258.2054

0.0000

279.4192,
273.8011, 311.5880

■ 0.0000, 0.0000,
0.0000

■ 38.9671, 35.6892,
42.3710

■ 38.9671, 35.6892,
42.3710

■ 35.3064, 29.7648,
36.8428

■ 43.1793, 42.6085,
48.4141

■ 32.1698, 24.7842,
31.8121

■ 47.9626, 50.5611,
54.9843

■ 29.5322, 20.6993,
27.2636

■ 53.3394, 59.5892,
62.0961

■ 27.3651, 17.4554,
23.1803

■ 59.3300, 69.7312,
69.7628

■ 25.6370, 14.9919,
19.5436

■ 65.9535, 81.0235,
77.9971

■ 24.3120, 13.2400,
16.3335

■ 70.3549, 87.7537,
85.8533

■ 23.3484, 12.1188,
13.5275

■ 71.7249, 88.3017,
93.0678

■ 22.6671, 11.4731,
11.0903

■ 73.1709, 88.8801,
100.6821

■ 22.6471, 11.4546,
11.0171

■ 74.5493, 89.4315,
107.9406

Harmonies

Analogous

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



37.6223, 35.6892, 49.5624



38.9671, 35.6892, 42.3710



38.9128, 35.6892, 35.0511

Triad

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



38.9671, 35.6892, 42.3710



32.5643, 35.6892, 26.7486



30.5979, 35.6892, 50.0194

Complementary

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



38.9671, 35.6892, 42.3710



38.0029, 45.4490, 44.8020

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.



29.3764, 35.6892, 42.9341



38.9671, 35.6892, 42.3710



30.4718, 35.6892, 29.8203

Square

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



38.9671, 35.6892, 42.3710



35.1264, 35.6892, 26.6382



29.3314, 35.6892, 35.5475



32.7445, 35.6892, 54.3420

Rectangle

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



38.9671, 35.6892, 42.3710



38.0882, 35.6892, 31.0764



29.3314, 35.6892, 35.5475



30.0704, 35.6892, 47.8443

Sweetspot

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



38.9681, 35.6908, 42.3718



81.2381, 82.1620, 91.8947



36.6148, 34.2563, 52.2598



17.3512, 17.4716, 19.5973



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.9681, 35.6908, 42.3718



67.3733, 59.4017, 71.9538



37.3929, 35.0607, 34.0767



9.7183, 9.6116, 10.9057



15.4565, 7.8137, 7.6973



0.6385, 0.3193, 0.4756

Inverse Universe

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



38.9681, 35.6908, 42.3718



67.3733, 59.4017, 71.9538



39.8240, 46.1774, 54.3916



9.7183, 9.6116, 10.9057



15.4565, 7.8137, 7.6973



0.6385, 0.3193, 0.4756

Previews

White Background



This preview shows how the XYZ color 38.9671, 35.6892, 42.3710 looks on a white background.

Color Contrast Check

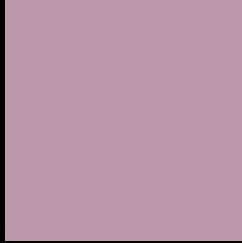
Large Text (above 18pt) WCAG AA × Fail

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 38.9671, 35.6892, 42.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

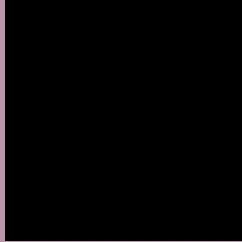
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9671, 35.6892, 42.3710

Background



This preview shows how black text looks on a background with the XYZ color 38.9671, 35.6892, 42.3710.



This preview shows how white text looks on a background with the XYZ color 38.9671, 35.6892,

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

38.9671, 35.6892, 42.3710

Protanopia

34.8059, 35.7103, 45.6158

Deuteranopia

36.4119, 35.6028, 41.9987



Tritanopia

38.4226, 35.7016, 39.9880

Trichromacy



Original Color

38.9671, 35.6892, 42.3710

Protanomaly

36.1774, 35.6771, 44.5148

Deuteranomaly

37.2139, 35.5221, 41.9408

Tritanomaly

38.6047, 35.7744, 40.9469

Monochromacy



Original Color

38.9671, 35.6892, 42.3710

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5147, 36.4337, 41.1843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9671, 35.6892, 42.3710 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(188, 151, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 151, 169)  
}
```

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(188, 151, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 151, 169) }
```

Border

The CSS property to change the border of an element to XYZ 38.9671, 35.6892, 42.3710 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(188, 151, 169) }
```


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

```
.border{ border-color:rgb(188, 151, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 151, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 151, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 151, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 151,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9671, 35.6892, 42.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 151, 169) }
```

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

```
.background{ background-color: rgb(188,  
151, 169) }
```

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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