

Converting Colors

XYZ(40.9212, 38.2719, 49.4869)

Have a look what the booklet for
XYZ(40.9212, 38.2719, 49.4869)
contains.

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Color

**XYZ(40.9201, 38.2702,
49.4861)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BA9EB6 |
| RGB | 186, 158, 182 |
| RGB Percent | 73%, 62%, 71% |
| CMY | 0.2706, 0.3804, 0.2863 |
| CMYK | 0.00, 0.15, 0.02, 0.27 |
| HSL | 309°, 17%, 67% |
| HSV | 309°, 15%, 73% |
| XYZ | 40.9201, 38.2702, 49.4861 |
| YIQ | 169.1080, 8.9840, 13.4000 |

Conversions

Conversions Part 2

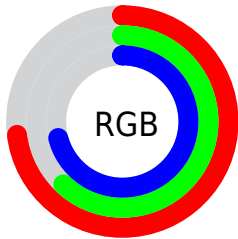
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 186, 158, 182 |
| Decimal | 12230326 |
| CIE _{Lab} | 68.22, 14.53, -8.56 |
| CIE _{LCh} | 68, 16.867, 329.487 |
| Yxy | 38.2702, 0.3180, 0.2974 |
| Android (android.graphics.Color) | 4290420406 (0xFFBA9EB6) |
| YUV | 169.1080, 6.3558, 14.8143 |
| Hunter-Lab | 61.8629, 9.8113, -4.1239 |

Details

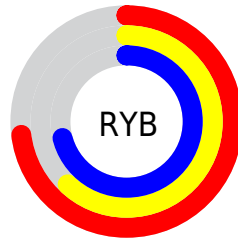
The XYZ color **40.9201, 38.2702, 49.4861** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.1826, 44.9968, 40.8574**, and the grayscale version is **37.7329, 39.6979, 43.2310**.

A 20% lighter version of the original color is **75.8448, 72.6388, 90.9122**, and **18.8930, 17.0869, 23.0712** is the 20% darker color. If you saturate the color by 10%, you get **37.7127, 32.2903, 47.0750**, and if you desaturate by 10%, it is **44.6151, 45.2159, 52.0863**.

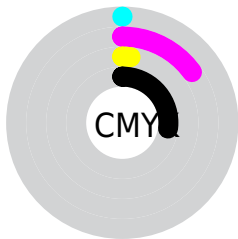
Distribution



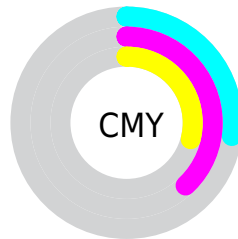
- Red (73%)
- Green (62%)
- Blue (71%)



- Red (73%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (27%)





- Cyan (27%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9201, 38.2702, 49.4861 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 40.9201, 38.2702, 49.4861 by changing the saturation by 10% instead.


 40.9201, 38.2702,
49.4861


 40.9201, 38.2702,
49.4861


341.0549,
338.7776, 401.3302

 28.4441, 26.1925,
34.6369


 75.8381, 72.5221,
90.8014

 18.8028, 16.9677,
23.1020

 99.0107, 95.4650,
118.1047

 11.6310, 10.2115,
14.4628


126.4795,
122.7985, 150.3964

 6.5634, 5.5394,
8.3009

158.6100,
154.9069, 188.0950

 3.2345, 2.5671,
4.1975

195.7674,
192.1746, 231.6192

 1.2789, 0.9101,
1.7343

238.3171,

 0.1674, 0.0000,

234.9861, 281.3874

0.3841

286.6245,
283.7256, 337.8182

■ 0.0000, 0.0000,
0.0000

■ 40.9201, 38.2702,
49.4861

■ 40.9201, 38.2702,
49.4861

■ 37.7127, 32.2903,
47.0750

■ 44.6151, 45.2159,
52.0863

■ 34.9681, 27.2282,
44.8433

■ 48.8146, 53.1626,
54.8801

■ 32.6642, 23.0392,
42.7840

■ 53.5387, 62.1502,
57.8748

■ 30.7757, 19.6730,
40.8884

■ 58.8054, 72.2145,
61.0765

■ 29.2750, 17.0740,
39.1473

■ 64.6319, 83.3900,
64.4911

■ 28.1308, 15.1801,
37.5500

■ 66.1970, 86.0341,
66.5116

■ 27.3071, 13.9191,
36.0844

■ 66.5063, 86.1578,
68.1401

■ 26.7600, 13.2031,
34.7357

■ 66.8209, 86.2836,
69.7970

■ 26.5449, 12.9572,
34.0960

■ 67.1410, 86.4117,
71.4825

Harmonies

Analogous

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



38.9280, 38.2702, 55.6313



40.9201, 38.2702, 49.4861



41.6841, 38.2702, 41.7999

Triad

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



40.9201, 38.2702, 49.4861



36.4201, 38.2702, 28.7704



32.1372, 38.2702, 49.2340

Complementary

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



40.9201, 38.2702, 49.4861



38.1826, 44.9968, 40.8574

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.



31.5364, 38.2702, 41.5399



40.9201, 38.2702, 49.4861



33.9355, 38.2702, 30.2645

Square

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



40.9201, 38.2702, 49.4861



39.0103, 38.2702, 30.3697



32.1790, 38.2702, 34.7231



33.8605, 38.2702, 55.4738

Rectangle

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



40.9201, 38.2702, 49.4861



41.3671, 38.2702, 37.0108



32.1790, 38.2702, 34.7231



31.8010, 38.2702, 46.7041

Sweetspot

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



40.9212, 38.2719, 49.4869



80.8444, 81.9139, 94.3931



35.9376, 35.6543, 51.4430



17.6927, 17.8302, 20.7112



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.



40.9212, 38.2719, 49.4869



72.1888, 65.6624, 88.2410



39.5707, 37.7317, 42.3751



9.3243, 9.1401, 11.0550



17.8794, 8.7255, 23.0496



0.6456, 0.3137, 0.8930

Inverse Universe

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



40.9212, 38.2719, 49.4869



72.1888, 65.6624, 88.2410



39.4709, 45.5121, 47.6417



9.3243, 9.1401, 11.0550



17.8794, 8.7255, 23.0496



0.6456, 0.3137, 0.8930

Previews

White Background



This preview shows how the XYZ color 40.9201, 38.2702, 49.4861 looks on a white background.

Color Contrast Check

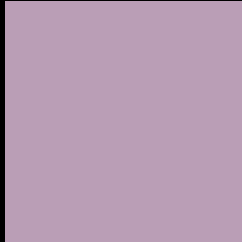
Large Text (above 18pt) WCAG AA × Fail

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 40.9201, 38.2702, 49.4861 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 40.9201, 38.2702, 49.4861

Background



This preview shows how black text looks on a background with the XYZ color 40.9201, 38.2702, 49.4861.



This preview shows how white text looks on a background with the XYZ color 40.9201, 38.2702,

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

40.9201, 38.2702, 49.4861

Protanopia

37.5290, 38.2847, 52.4254

Deuteranopia

39.1653, 38.4070, 49.0651



Tritanopia

40.0248, 38.4345, 44.3388

Trichromacy



Original Color

40.9201, 38.2702, 49.4861

Protanomaly

38.4719, 38.0014, 51.2063

Deuteranomaly

39.9077, 38.5292, 49.0496

Tritanomaly

40.2422, 38.2452, 46.3354

Monochromacy



Original Color

40.9201, 38.2702, 49.4861

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7743, 39.0802, 45.5440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9201, 38.2702, 49.4861 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(186, 158, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 182)  
}
```

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(186, 158, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 182) }
```

Border

The CSS property to change the border of an element to XYZ 40.9201, 38.2702, 49.4861 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(186, 158, 182) }
```


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

```
.border{ border-color:rgb(186, 158, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9201, 38.2702, 49.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 182) }
```

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

```
.background{ background-color: rgb(186,  
158, 182) }
```

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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