

Converting Colors

XYZ(43.2711, 38.4911, 43.7012)

Have a look what the booklet for
XYZ(43.2711, 38.4911, 43.7012)
contains.

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Color

**XYZ(43.2634, 38.6080,
43.6999)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9AAB
RGB	202, 154, 171
RGB Percent	79%, 60%, 67%
CMY	0.2078, 0.3961, 0.3294
CMYK	0.00, 0.24, 0.15, 0.21
HSL	339°, 31%, 70%
HSV	339°, 24%, 79%
XYZ	43.2634, 38.6080, 43.6999
YIQ	170.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

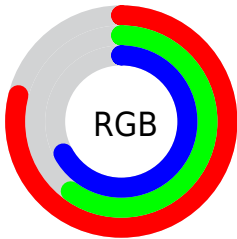
Format	Color
R_{YB}	202, 154, 171
Decimal	13277867
CIE Lab	68.47, 20.54, -1.89
CIE LCh	68, 20.627, 354.729
Yxy	38.6080, 0.3445, 0.3075
Android (android.graphics.Color)	4291467947 (0xFFCA9AAB)
YUV	170.2900, 0.3500, 27.8097
Hunter-Lab	62.1353, 15.5486, 1.7960

Details

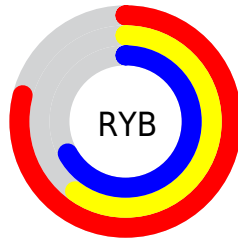
The XYZ color **43.2634, 38.6080, 43.6999** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2055, 52.6149, 53.7800**, and the grayscale version is **38.3442, 40.3411, 43.9315**.

A 20% lighter version of the original color is **77.7679, 72.3519, 81.8180**, and **20.2126, 17.2354, 19.7142** is the 20% darker color. If you saturate the color by 10%, you get **39.0231, 32.0200, 36.4508**, and if you desaturate by 10%, it is **48.1897, 46.3707, 51.7843**.

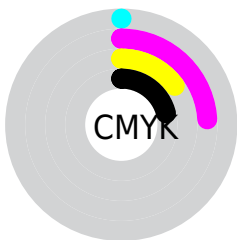
Distribution



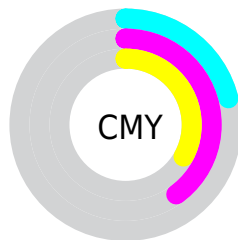
- Red (79%)
- Green (60%)
- Blue (67%)



- Red (79%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (15%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2634, 38.6080, 43.6999 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 43.2634, 38.6080, 43.6999 by changing the saturation by 10% instead.


 43.2634, 38.6080,
43.6999


 43.2634, 38.6080,
43.6999


350.5971,
340.2210, 377.4877

 30.2873, 26.4549,
30.0992


 79.3614, 73.0391,
82.0636

 20.2059, 17.1643,
19.6612


 103.2140, 96.0859,
107.6637

 12.6539, 10.3517,
11.9674


131.4228,
123.5327, 138.1007

 7.2660, 5.6328,
6.5992

164.3531,
155.7639, 173.7931

 3.6768, 2.6231,
3.1381

202.3704,
193.1640, 215.1595

 1.5210, 0.9383,
1.1656

245.8399,

 0.3400, 0.0000,

236.1173, 262.6183

0.0000

295.1270,
285.0081, 316.5882

■ 0.0000, 0.0000,
0.0000

■ 43.2634, 38.6080,
43.6999

■ 43.2634, 38.6080,
43.6999

■ 39.0231, 32.0200,
36.4508

■ 48.1897, 46.3707,
51.7843

■ 35.4338, 26.5438,
30.0065

■ 53.8283, 55.3563,
60.7280

■ 32.4626, 22.1187,
24.3381

■ 60.2078, 65.6168,
70.5573

■ 30.0719, 18.6761,
19.4140

■ 67.3546, 77.1997,
81.2964

■ 28.2200, 16.1390,
15.1999

■ 75.2919, 90.1465,
92.9680

■ 26.8592, 14.4189,
11.6584

■ 77.2603, 90.9338,
103.3335

■ 25.9321, 13.4089,
8.7476

■ 78.1673, 91.2967,
108.1099

■ 25.5118, 13.0185,
7.2193

Harmonies

Analogous

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



42.0270, 38.6080, 53.2187



43.2634, 38.6080, 43.6999



42.6574, 38.6080, 34.9992

Triad

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



43.2634, 38.6080, 43.6999



34.1480, 38.6080, 27.8109



33.2107, 38.6080, 58.3724

Complementary

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



43.2634, 38.6080, 43.6999



43.2055, 52.6149, 53.7800

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.



31.3172, 38.6080, 49.9614



43.2634, 38.6080, 43.6999



31.8355, 38.6080, 32.5436

Square

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



43.2634, 38.6080, 43.6999



37.2717, 38.6080, 26.6413



30.8289, 38.6080, 40.4179



36.1258, 38.6080, 62.4511

Rectangle

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



43.2634, 38.6080, 43.6999



41.3076, 38.6080, 30.6781



30.8289, 38.6080, 40.4179



32.4406, 38.6080, 55.9031

Sweetspot

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



43.2645, 38.6098, 43.7007



87.8165, 88.4148, 97.6048



42.0808, 37.6172, 60.9205



18.6692, 18.7214, 20.6905



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.



43.2645, 38.6098, 43.7007



69.0655, 58.8447, 66.9015



42.8315, 40.1719, 36.0704



11.3737, 11.2782, 12.5024



16.4550, 8.3926, 4.8490



0.8848, 0.4473, 0.4392

Inverse Universe

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



43.2645, 38.6098, 43.7007



69.0655, 58.8447, 66.9015



43.6382, 50.4350, 63.3125



11.3737, 11.2782, 12.5024



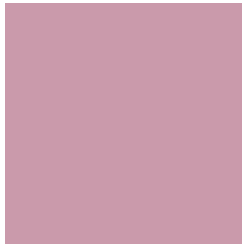
16.4550, 8.3926, 4.8490



0.8848, 0.4473, 0.4392

Previews

White Background



This preview shows how the XYZ color 43.2634, 38.6080, 43.6999 looks on a white background.

Color Contrast Check

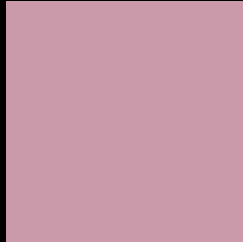
Large Text (above 18pt) WCAG AA × Fail

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 43.2634, 38.6080, 43.6999 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 43.2634, 38.6080, 43.6999

Background



This preview shows how black text looks on a background with the XYZ color 43.2634, 38.6080, 43.6999.



This preview shows how white text looks on a background with the XYZ color 43.2634, 38.6080,

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

43.2634, 38.6080, 43.6999

Protanopia

37.6084, 38.7023, 47.6076

Deuteranopia

39.4674, 38.6880, 43.4176



Tritanopia

42.7838, 38.6502, 41.7645

Trichromacy



Original Color

43.2634, 38.6080, 43.6999

Protanomaly

39.4806, 38.6391, 45.9347

Deuteranomaly

40.6401, 38.5174, 43.3228

Tritanomaly

42.8766, 38.6874, 42.2534

Monochromacy



Original Color

43.2634, 38.6080, 43.6999

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.8226, 39.3983, 43.5360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2634, 38.6080, 43.6999 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(202, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(202, 154, 171)  
}
```

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(202, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 154, 171) }
```

Border

The CSS property to change the border of an element to XYZ 43.2634, 38.6080, 43.6999 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(202, 154, 171) }
```


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

```
.border{ border-color:rgb(202, 154, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(202, 154,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2634, 38.6080, 43.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 154, 171) }
```

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

```
.background{ background-color: rgb(202,  
154, 171) }
```

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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