

Converting Colors

XYZ(43.0770, 38.6147, 41.4314)

Have a look what the booklet for
XYZ(43.0770, 38.6147, 41.4314)
contains.

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Color

**XYZ(43.0671, 38.5609,
41.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9AA6
RGB	203, 154, 166
RGB Percent	80%, 60%, 65%
CMY	0.2039, 0.3961, 0.3490
CMYK	0.00, 0.24, 0.18, 0.20
HSL	345°, 32%, 70%
HSV	345°, 24%, 80%
XYZ	43.0671, 38.5609, 41.2495
YIQ	170.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

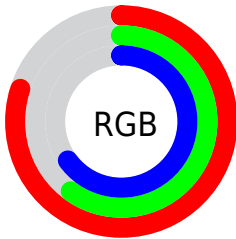
Format	Color
RYB	203, 154, 166
Decimal	13343398
CIELab	68.43, 20.11, 0.86
CIELCh	68, 20.124, 2.439
Yxy	38.5609, 0.3505, 0.3138
Android (android.graphics.Color)	4291533478 (0xFFCB9AA6)
YUV	170.0190, -1.9814, 28.9243
Hunter-Lab	62.0974, 15.1266, 4.0836

Details

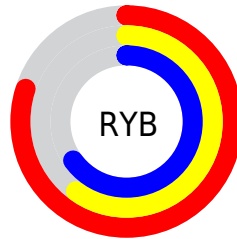
The XYZ color **43.0671, 38.5609, 41.2495** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0879, 53.3444, 57.2656**, and the grayscale version is **38.2196, 40.2100, 43.7886**.

A 20% lighter version of the original color is **77.0916, 72.0814, 78.2565**, and **20.1003, 17.2113, 18.1823** is the 20% darker color. If you saturate the color by 10%, you get **38.6723, 31.8890, 33.2553**, and if you desaturate by 10%, it is **48.1983, 46.4365, 50.3171**.

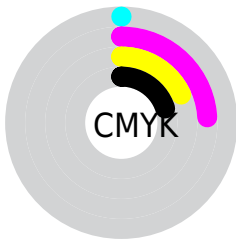
Distribution



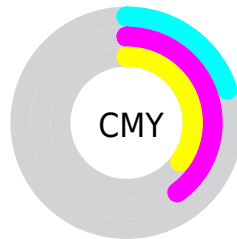
- Red (80%)
- Green (60%)
- Blue (65%)



- Red (80%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0671, 38.5609, 41.2495 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 43.0671, 38.5609, 41.2495 by changing the saturation by 10% instead.


 43.0671, 38.5609,
41.2495

 43.0671, 38.5609,
41.2495


349.8045,
340.0200, 367.0698

 30.1325, 26.4183,
28.1929


 79.0672, 72.9670,
78.3203

 20.0878, 17.1368,
18.2308


 102.8634, 95.9994,
103.1716

 12.5675, 10.3321,
10.9447

131.0109,
123.4304, 132.7915

 7.2063, 5.6197,
5.9159

163.8750,
155.6446, 167.5986

 3.6390, 2.6152,
2.7261

201.8210,
193.0262, 208.0115

 1.5000, 0.9343,
0.9565

245.2144,

 0.3258, 0.0000,

235.9597, 254.4486

0.0000

294.4204,
284.8295, 307.3285

■ 0.0000, 0.0000,
0.0000

■ 43.0671, 38.5609,
41.2495

■ 43.0671, 38.5609,
41.2495

■ 38.6723, 31.8890,
33.2553

■ 48.1983, 46.4365,
50.3171

■ 34.9764, 26.3563,
26.2917

■ 54.0947, 55.5658,
60.4939

■ 31.9431, 21.9001,
20.3166

■ 60.7875, 66.0022,
71.8169

■ 29.5319, 18.4494,
15.2836

■ 68.3052, 77.7946,
84.3208

■ 27.6974, 15.9251,
11.1429

■ 76.5136, 90.6665,
97.9849

■ 26.3875, 14.2354,
7.8394

■ 78.4387, 91.4366,
108.1226

■ 25.5405, 13.2698,
5.3112

■ 25.1980, 12.9243,
4.1506

Harmonies

Analogous

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



42.3095, 38.5609, 50.5690



43.0671, 38.5609, 41.2495



42.0253, 38.5609, 33.3216

Triad

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



43.0671, 38.5609, 41.2495



33.4855, 38.5609, 28.9388



33.9093, 38.5609, 59.3917

Complementary

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



43.0671, 38.5609, 41.2495



44.0879, 53.3444, 57.2656

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.



31.7555, 38.5609, 52.0361



43.0671, 38.5609, 41.2495



31.5209, 38.5609, 34.4341

Square

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



43.0671, 38.5609, 41.2495



36.3928, 38.5609, 26.8818



30.9060, 38.5609, 42.7318



36.9104, 38.5609, 61.8961

Rectangle

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



43.0671, 38.5609, 41.2495



40.4836, 38.5609, 29.6407



30.9060, 38.5609, 42.7318



33.0682, 38.5609, 57.3570

Sweetspot

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



43.0682, 38.5627, 41.2503



87.5227, 88.2973, 96.0573



43.7594, 38.4689, 61.6190



18.6012, 18.6943, 20.3329



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.



43.0682, 38.5627, 41.2503



68.1010, 58.4588, 61.8221



44.1443, 42.3947, 36.4304



11.3231, 11.2580, 12.2360



16.0665, 8.2372, 2.8029



0.8599, 0.4374, 0.3080

Inverse Universe

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



43.0682, 38.5627, 41.2503



68.1010, 58.4588, 61.8221



42.6836, 48.3357, 63.5802



11.3231, 11.2580, 12.2360



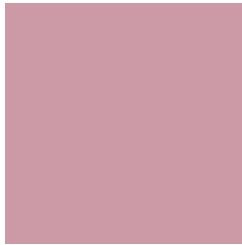
16.0665, 8.2372, 2.8029



0.8599, 0.4374, 0.3080

Previews

White Background



This preview shows how the XYZ color 43.0671, 38.5609, 41.2495 looks on a white background.

Color Contrast Check

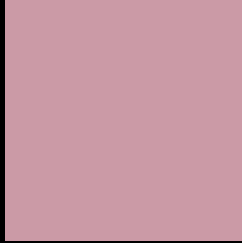
Large Text (above 18pt) WCAG AA × Fail

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 43.0671, 38.5609, 41.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

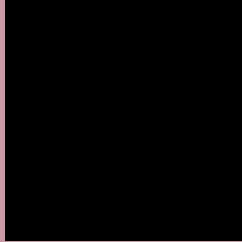
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0671, 38.5609, 41.2495

Background



This preview shows how black text looks on a background with the XYZ color 43.0671, 38.5609, 41.2495.



This preview shows how white text looks on a background with the XYZ color 43.0671, 38.5609,

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

43.0671, 38.5609, 41.2495

Protanopia

37.3275, 38.6144, 45.0211

Deuteranopia

39.4790, 38.7476, 40.9956



Tritanopia

43.0671, 38.5609, 41.2495

Trichromacy



Original Color

43.0671, 38.5609, 41.2495

Protanomaly

39.2321, 38.5667, 43.4066

Deuteranomaly

40.6755, 38.5893, 40.9019

Tritanomaly

43.0671, 38.5609, 41.2495

Monochromacy



Original Color

43.0671, 38.5609, 41.2495

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.7283, 39.3606, 43.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0671, 38.5609, 41.2495 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(203, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 166)  
}
```

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(203, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.0671, 38.5609, 41.2495 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(203, 154, 166) }
```


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

```
.border{ border-color:rgb(203, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0671, 38.5609, 41.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 166) }
```

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

```
.background{ background-color: rgb(203,  
154, 166) }
```

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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