

Converting Colors

XYZ(45.1259, 43.3945, 44.3748)

Have a look what the booklet for
XYZ(45.1259, 43.3945, 44.3748)
contains.

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Color

**XYZ(45.0918, 43.4583,
44.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A9AB
RGB	199, 169, 171
RGB Percent	78%, 66%, 67%
CMY	0.2196, 0.3372, 0.3294
CMYK	0.00, 0.15, 0.14, 0.22
HSL	356°, 21%, 72%
HSV	356°, 15%, 78%
XYZ	45.0918, 43.4583, 44.5398
YIQ	178.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

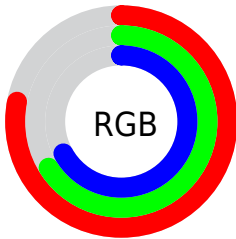
Format	Color
RYB	199, 169, 171
Decimal	13085099
CIELab	71.86, 11.23, 3.03
CIElCh	72, 11.635, 15.073
Yxy	43.4583, 0.3388, 0.3265
Android (android.graphics.Color)	4291275179 (0xFFC7A9AB)
YUV	178.1980, -3.5486, 18.2434
Hunter-Lab	65.9229, 6.7303, 6.0877

Details

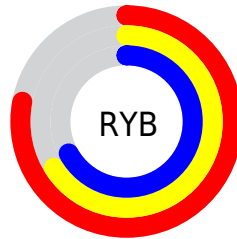
The XYZ color **45.0918, 43.4583, 44.5398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8653, 53.3141, 60.6464**, and the grayscale version is **42.4345, 44.6444, 48.6177**.

A 20% lighter version of the original color is **81.6231, 80.0623, 83.1031**, and **21.3681, 20.0742, 20.2013** is the 20% darker color. If you saturate the color by 10%, you get **40.0198, 35.9512, 34.7189**, and if you desaturate by 10%, it is **50.9785, 52.1957, 55.8610**.

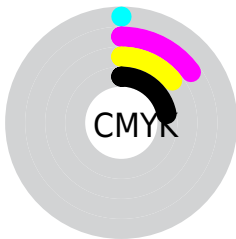
Distribution



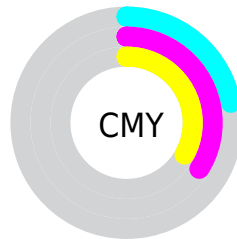
- Red (78%)
- Green (66%)
- Blue (67%)



- Red (78%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (22%)




- Cyan (22%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0918, 43.4583, 44.5398 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 45.0918, 43.4583, 44.5398 by changing the saturation by 10% instead.


 45.0918, 43.4583,
44.5398


 45.0918, 43.4583,
44.5398


357.9227,
360.4931, 381.0122

 31.7313, 30.2449,
30.7548


 82.0944, 80.4020,
83.3405

 21.3109, 20.0245,
20.1553

 106.4672,
104.9011, 109.1933

 13.4652, 12.4129,
12.3228


135.2415,
133.9308, 139.9058

 7.8289, 7.0255,
6.8387

168.7826,
167.8755, 175.8965

 4.0365, 3.4781,
3.2845

207.4559,
207.1198, 217.5839

 1.7228, 1.3861,
1.2417

251.6268,

 0.4705, 0.2065,

252.0479, 265.3866

0.0133

301.6606,
303.0442, 319.7232

■ 0.0000, 0.0000,
0.0000

■ 45.0918, 43.4583,
44.5398

■ 45.0918, 43.4583,
44.5398

■ 40.0198, 35.9512,
34.7189

■ 50.9785, 52.1957,
55.8610

■ 35.7232, 29.6137,
26.3327

■ 57.7099, 62.2090,
68.7388

■ 32.1649, 24.3887,
19.3148

■ 65.3187, 73.5487,
83.2300

■ 29.3031, 20.2119,
13.5927

■ 73.8349, 86.2608,
99.3878

■ 27.0922, 17.0126,
9.0868

■ 77.3633, 90.8822,
108.0723

■ 25.4808, 14.7112,
5.7091

■ 24.4099, 13.2157,
3.3596

■ 23.8084, 12.4145,
1.9207

■ 23.6276, 12.1719,
1.4932

Harmonies

Analogous

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



45.0945, 43.4583, 50.1830



45.0918, 43.4583, 44.5398



44.0530, 43.4583, 40.0118

Triad

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



45.0918, 43.4583, 44.5398



38.6687, 43.4583, 40.0293



40.3329, 43.4583, 58.6544

Complementary

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



45.0918, 43.4583, 44.5398



46.8653, 53.3141, 60.6464

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.



38.6753, 43.4583, 55.4651



45.0918, 43.4583, 44.5398



37.7355, 43.4583, 44.5655

Square

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



45.0918, 43.4583, 44.5398



40.3237, 43.4583, 37.5527



37.7379, 43.4583, 50.2108



42.3037, 43.4583, 58.6461

Rectangle

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



45.0918, 43.4583, 44.5398



42.9311, 43.4583, 38.1044



37.7379, 43.4583, 50.2108



39.7220, 43.4583, 57.9102

Sweetspot

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



45.0930, 43.4602, 44.5407



89.2592, 91.3902, 97.8077



47.5239, 44.3717, 60.0930



18.9375, 19.3122, 20.6133



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.



45.0930, 43.4602, 44.5407



75.9682, 71.6713, 72.2199



47.4438, 48.4641, 44.3924



10.6620, 10.6482, 11.2035



15.2049, 7.8315, 1.0227



0.7301, 0.3749, 0.1021

Inverse Universe

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



45.0930, 43.4602, 44.5407



75.9682, 71.6713, 72.2199



44.2315, 47.6779, 60.9047



10.6620, 10.6482, 11.2035



15.2049, 7.8315, 1.0227



0.7301, 0.3749, 0.1021

Previews

White Background



This preview shows how the XYZ color 45.0918, 43.4583, 44.5398 looks on a white background.

Color Contrast Check

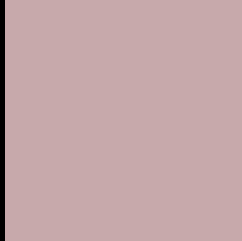
Large Text (above 18pt) WCAG AA × Fail

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 45.0918, 43.4583, 44.5398 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 45.0918, 43.4583, 44.5398

Background



This preview shows how black text looks on a background with the XYZ color 45.0918, 43.4583, 44.5398.



This preview shows how white text looks on a background with the XYZ color 45.0918, 43.4583,

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

45.0918, 43.4583, 44.5398

Protanopia

41.8902, 43.4584, 46.7379

Deuteranopia

44.2311, 43.2918, 44.5530



Tritanopia

46.1625, 43.6208, 49.7027

Trichromacy



Original Color

45.0918, 43.4583, 44.5398

Protanomaly

43.0771, 43.5079, 46.1719

Deuteranomaly

44.4904, 43.4255, 44.5651

Tritanomaly

45.7579, 43.4589, 47.5717

Monochromacy



Original Color

45.0918, 43.4583, 44.5398

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.3175, 44.1942, 46.8047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0918, 43.4583, 44.5398 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(199, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 169, 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(199, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 45.0918, 43.4583, 44.5398 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(199, 169, 171) }
```


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

```
.border{ border-color:rgb(199, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 169, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 169, 171); box-shadow:4px 4px 4px 4px rgb(199, 169, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0918, 43.4583, 44.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 169, 171) }
```

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

```
.background{ background-color: rgb(199,  
169, 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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