

Converting Colors

XYZ(45.1567, 43.6590, 51.0716)

Have a look what the booklet for
XYZ(45.1567, 43.6590, 51.0716)
contains.

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Color

**XYZ(45.1701, 43.6377,
50.8419)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AAB7
RGB	194, 170, 183
RGB Percent	76%, 67%, 72%
CMY	0.2392, 0.3333, 0.2823
CMYK	0.00, 0.12, 0.06, 0.24
HSL	328°, 16%, 71%
HSV	328°, 12%, 76%
XYZ	45.1701, 43.6377, 50.8419
YIQ	178.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

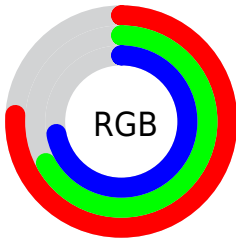
Format	Color
R _Y B	194, 170, 183
Decimal	12757687
CIE Lab	71.99, 10.94, -3.46
CIE LCh	72, 11.474, 342.439
Yxy	43.6377, 0.3235, 0.3125
Android (android.graphics.Color)	4290947767 (0xFFC2AAB7)
YUV	178.6580, 2.1406, 13.4549
Hunter-Lab	66.0588, 6.4528, 0.6089

Details

The XYZ color **45.1701, 43.6377, 50.8419** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2115, 50.4670, 51.1294**, and the grayscale version is **42.6520, 44.8733, 48.8670**.

A 20% lighter version of the original color is **82.2889, 80.5917, 92.8800**, and **21.3229, 20.1440, 23.8834** is the 20% darker color. If you saturate the color by 10%, you get **40.9020, 36.5358, 44.9960**, and if you desaturate by 10%, it is **50.0359, 51.8401, 57.1766**.

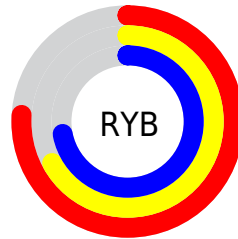
Distribution



Red (76%)

Green (67%)

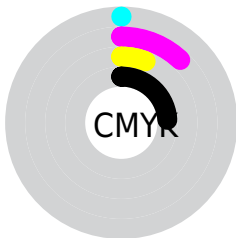
Blue (72%)



Red (76%)

Yellow (67%)

Blue (72%)

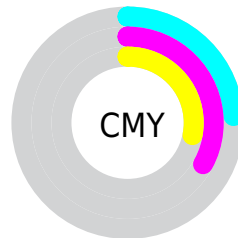


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1701, 43.6377, 50.8419 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 45.1701, 43.6377, 50.8419 by changing the saturation by 10% instead.


 45.1701, 43.6377,
50.8419

 45.1701, 43.6377,
50.8419


358.2341,
361.2278, 406.7782

 31.7933, 30.3858,
35.7069


 82.2111, 80.6723,
92.8301

 21.3584, 20.1316,
23.9201


106.6060,
105.2238, 120.5205

 13.5002, 12.4907,
15.0627


135.4043,
134.3105, 153.2331

 7.8532, 7.0788,
8.7163

168.9713,
168.3170, 191.3864

 4.0522, 3.5114,
4.4623

207.6725,
207.6276, 235.3991

 1.7317, 1.4042,
1.8822

251.8731,

 0.4760, 0.2198,

252.6266, 285.6896

0.4814

301.9385,
303.6986, 342.6764

■ 0.0000, 0.0000,
0.0000

■ 45.1701, 43.6377,
50.8419

■ 45.1701, 43.6377,
50.8419

■ 40.9020, 36.5358,
44.9960

■ 50.0359, 51.8401,
57.1766

■ 37.2033, 30.4815,
39.6227

■ 55.5186, 61.1817,
64.0102

■ 34.0491, 25.4259,
34.7088

■ 61.6413, 71.7063,
71.3559

■ 31.4109, 21.3141,
30.2391

■ 68.4245, 83.4537,
79.2254

■ 29.2576, 18.0856,
26.1976

■ 71.9380, 88.5613,
86.3133

■ 27.5545, 15.6732,
22.5666

■ 73.2010, 89.0665,
92.9642

■ 26.2621, 13.9996,
19.3269

■ 74.5284, 89.5975,
99.9542

■ 25.3331, 12.9723,
16.4562

■ 75.9211, 90.1545,
107.2880

■ 24.8018, 12.4908,
14.4875

■ 76.0584, 90.2095,
108.0112

Harmonies

Analogous

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



44.0690, 43.6377, 55.9234



45.1701, 43.6377, 50.8419



45.2623, 43.6377, 45.2292

Triad

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



45.1701, 43.6377, 50.8419



40.6707, 43.6377, 37.7439



38.7596, 43.6377, 55.1674

Complementary

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



45.1701, 43.6377, 50.8419



44.2115, 50.4670, 51.1294

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.



37.9076, 43.6377, 49.8745



45.1701, 43.6377, 50.8419



38.9874, 43.6377, 39.9930

Square

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



45.1701, 43.6377, 50.8419



42.6226, 43.6377, 37.9582



37.9896, 43.6377, 44.3347



40.3508, 43.6377, 58.5525

Rectangle

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



45.1701, 43.6377, 50.8419



44.7354, 43.6377, 41.9621



37.9896, 43.6377, 44.3347



38.3795, 43.6377, 53.5353

Sweetspot

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



45.1714, 43.6396, 50.8428



89.0806, 91.2598, 101.5813



43.1232, 42.4463, 56.9596



19.3544, 19.7256, 22.0482



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.



45.1714, 43.6396, 50.8428



79.5109, 75.1715, 88.9855



43.9942, 43.1687, 44.6440



10.2962, 10.1671, 11.6503



16.3481, 8.2290, 9.7452



0.7408, 0.3693, 0.6025

Inverse Universe

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



45.1714, 43.6396, 50.8428



79.5109, 75.1715, 88.9855



45.4741, 50.9720, 57.7777



10.2962, 10.1671, 11.6503



16.3481, 8.2290, 9.7452



0.7408, 0.3693, 0.6025

Previews

White Background



This preview shows how the XYZ color 45.1701, 43.6377, 50.8419 looks on a white background.

Color Contrast Check

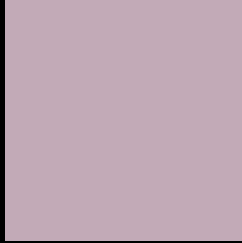
Large Text (above 18pt) WCAG AA × Fail

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 45.1701, 43.6377, 50.8419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

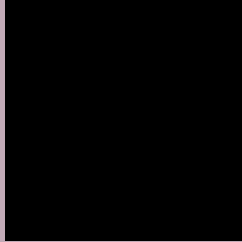
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1701, 43.6377, 50.8419

Background



This preview shows how black text looks on a background with the XYZ color 45.1701, 43.6377, 50.8419.



This preview shows how white text looks on a background with the XYZ color 45.1701, 43.6377,

50.8419.

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

45.1701, 43.6377, 50.8419

Protanopia

42.5197, 43.9430, 52.6952

Deuteranopia

44.5960, 43.6211, 50.8690



Tritanopia

45.1701, 43.6377, 50.8419

Trichromacy



Original Color

45.1701, 43.6377, 50.8419

Protanomaly

43.4214, 43.8422, 52.0728

Deuteranomaly

44.8484, 43.7512, 50.8808

Tritanomaly

45.1701, 43.6377, 50.8419

Monochromacy



Original Color

45.1701, 43.6377, 50.8419

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.5307, 44.5363, 49.4821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1701, 43.6377, 50.8419 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(194, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 183)  
}
```

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(194, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 183) }
```

Border

The CSS property to change the border of an element to XYZ 45.1701, 43.6377, 50.8419 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(194, 170, 183) }
```


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

```
.border{ border-color:rgb(194, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1701, 43.6377, 50.8419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 183) }
```

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

```
.background{ background-color: rgb(194,  
170, 183) }
```

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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