

Converting Colors

XYZ(43.3714, 39.8100, 45.5460)

Have a look what the booklet for
XYZ(43.3714, 39.8100, 45.5460)
contains.

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Color

**XYZ(43.3268, 39.8580,
45.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	C69FAE
RGB	198, 159, 174
RGB Percent	78%, 62%, 68%
CMY	0.2235, 0.3765, 0.3176
CMYK	0.00, 0.20, 0.12, 0.22
HSL	337°, 25%, 70%
HSV	337°, 20%, 78%
XYZ	43.3268, 39.8580, 45.4542
YIQ	172.3710, 18.4290, 12.9330

Conversions

Conversions Part 2

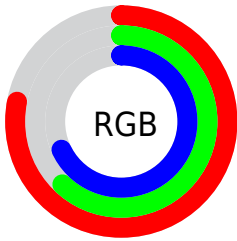
Format	Color
RYB	198, 159, 174
Decimal	13017006
CIELab	69.37, 16.84, -2.29
CIELCh	69, 16.995, 352.262
Yxy	39.8580, 0.3368, 0.3098
Android (android.graphics.Color)	4291207086 (0xFFC69FAE)
YUV	172.3710, 0.8031, 22.4766
Hunter-Lab	63.1332, 12.0172, 1.5060

Details

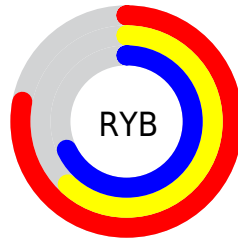
The XYZ color **43.3268, 39.8580, 45.4542** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0410, 51.1790, 52.4122**, and the grayscale version is **39.3910, 41.4424, 45.1308**.

A 20% lighter version of the original color is **79.4294, 75.0103, 84.4208**, and **20.2721, 17.8498, 20.7893** is the 20% darker color. If you saturate the color by 10%, you get **39.0564, 33.1325, 38.4332**, and if you desaturate by 10%, it is **48.2527, 47.7210, 53.2264**.

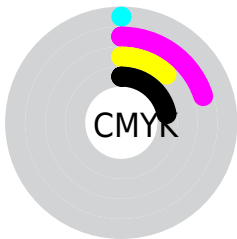
Distribution



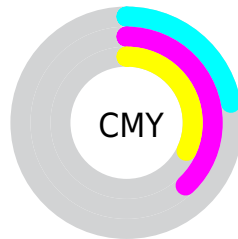
- Red (78%)
- Green (62%)
- Blue (68%)



- Red (78%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3268, 39.8580, 45.4542 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 43.3268, 39.8580, 45.4542 by changing the saturation by 10% instead.


 43.3268, 39.8580,
45.4542

 43.3268, 39.8580,
45.4542


350.8528,
345.5247, 384.8236

 30.3372, 27.4278,
31.4698


 79.4564, 74.9472,
84.7272

 20.2440, 17.8948,
20.6954


 103.3272, 98.3751,
110.8529

 12.6819, 10.8745,
12.7124


131.5558,
126.2377, 141.8628

 7.2853, 5.9825,
7.1024

164.5075,
158.9193, 178.1754

 3.6891, 2.8344,
3.4468

202.5477,
196.8045, 220.2092

 1.5278, 1.0459,
1.3271

246.0417,

 0.3446, 0.0000,

240.2775, 268.3828

0.0838

295.3550,
289.7227, 323.1148

■ 0.0000, 0.0000,
0.0000

■ 43.3268, 39.8580,
45.4542

■ 43.3268, 39.8580,
45.4542

■ 39.0564, 33.1325,
38.4332

■ 48.2527, 47.7210,
53.2264

■ 35.4092, 27.4861,
32.1371

■ 53.8576, 56.7655,
61.7699

■ 32.3555, 22.8634,
26.5420

■ 60.1680, 67.0400,
71.1069

■ 29.8615, 19.2019,
21.6211

■ 67.2079, 78.5883,
81.2580

■ 27.8897, 16.4319,
17.3459

■ 74.0341, 89.5200,
91.9211

■ 26.3980, 14.4746,
13.6854

■ 75.8552, 90.2484,
101.5108

■ 25.3369, 13.2368,
10.6051

■ 77.0989, 90.7459,
108.0599

■ 24.6180, 12.5480,
8.0563

■ 24.5984, 12.5297,
7.9857

Harmonies

Analogous

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



42.1884, 39.8580, 53.2650



43.3268, 39.8580, 45.4542



42.9522, 39.8580, 37.9488

Triad

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



43.3268, 39.8580, 45.4542



35.9298, 39.8580, 30.9199



34.7611, 39.8580, 56.4056

Complementary

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



43.3268, 39.8580, 45.4542



43.0410, 51.1790, 52.4122

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.



33.2307, 39.8580, 49.3466



43.3268, 39.8580, 45.4542



33.8825, 39.8580, 34.8326

Square

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



43.3268, 39.8580, 45.4542



38.5950, 39.8580, 30.1418



32.9169, 39.8580, 41.4059



37.1815, 39.8580, 60.0640

Rectangle

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



43.3268, 39.8580, 45.4542



41.9028, 39.8580, 34.0532



32.9169, 39.8580, 41.4059



34.1304, 39.8580, 54.3141

Sweetspot

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



43.3279, 39.8598, 45.4550



88.8826, 90.0320, 99.5475



41.9786, 38.8693, 58.7166



18.8867, 19.0485, 21.0960



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.



43.3279, 39.8598, 45.4550



73.0553, 64.7818, 74.5282



42.6275, 40.6696, 38.4063



10.7999, 10.7033, 11.9293



16.0358, 8.1639, 5.3982



0.7946, 0.4007, 0.4413

Inverse Universe

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



43.3279, 39.8598, 45.4550



73.0553, 64.7818, 74.5282



43.8064, 50.0773, 60.7836



10.7999, 10.7033, 11.9293



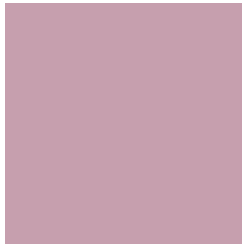
16.0358, 8.1639, 5.3982



0.7946, 0.4007, 0.4413

Previews

White Background



This preview shows how the XYZ color 43.3268, 39.8580, 45.4542 looks on a white background.

Color Contrast Check

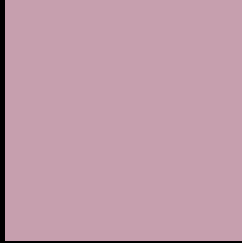
Large Text (above 18pt) WCAG AA × Fail

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 43.3268, 39.8580, 45.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

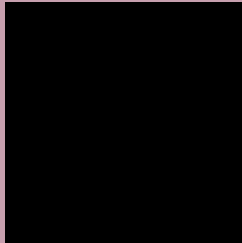
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3268, 39.8580, 45.4542

Background



This preview shows how black text looks on a background with the XYZ color 43.3268, 39.8580, 45.4542.



This preview shows how white text looks on a background with the XYZ color 43.3268, 39.8580,

45.4542.

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

43.3268, 39.8580, 45.4542

Protanopia

39.0037, 40.2173, 48.8870

Deuteranopia

40.5854, 39.7584, 45.0702



Tritanopia

43.1332, 39.7806, 44.4348

Trichromacy



Original Color

43.3268, 39.8580, 45.4542

Protanomaly

40.3134, 39.8279, 47.6823

Deuteranomaly

41.4494, 39.6766, 45.0089

Tritanomaly

43.2297, 39.8192, 44.9426

Monochromacy



Original Color

43.3268, 39.8580, 45.4542

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4176, 40.4783, 45.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3268, 39.8580, 45.4542 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(198, 159, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 174)  
}
```

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(198, 159, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 174) }
```

Border

The CSS property to change the border of an element to XYZ 43.3268, 39.8580, 45.4542 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(198, 159, 174) }
```


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

```
.border{ border-color:rgb(198, 159, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3268, 39.8580, 45.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 174) }
```

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

```
.background{ background-color: rgb(198,  
159, 174) }
```

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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