

Converting Colors

XYZ(43.8809, 38.3665, 45.7695)

Have a look what the booklet for
XYZ(43.8809, 38.3665, 45.7695)
contains.

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Color

**XYZ(43.8679, 38.3890,
45.6552)**

Conversions

Conversions Part 1

Format	Color
Hex	CC98AF
RGB	204, 152, 175
RGB Percent	80%, 60%, 69%
CMY	0.2000, 0.4039, 0.3137
CMYK	0.00, 0.25, 0.14, 0.20
HSL	333°, 34%, 70%
HSV	333°, 25%, 80%
XYZ	43.8679, 38.3890, 45.6552
YIQ	170.1700, 23.6090, 18.1770

Conversions

Conversions Part 2

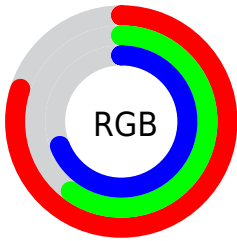
Format	Color
R_{YB}	204, 152, 175
Decimal	13408431
CIE _{Lab}	68.31, 23.01, -4.34
CIE _{LCh}	68, 23.418, 349.322
Yxy	38.3890, 0.3430, 0.3001
Android (android.graphics.Color)	4291598511 (0xFFCC98AF)
YUV	170.1700, 2.3812, 29.6689
Hunter-Lab	61.9589, 17.9530, -0.3174

Details

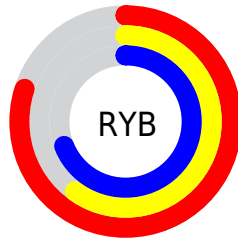
The XYZ color **43.8679, 38.3890, 45.6552** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8838, 53.1982, 51.7265**, and the grayscale version is **38.2744, 40.2677, 43.8515**.

A 20% lighter version of the original color is **77.8358, 71.5988, 84.5805**, and **20.6233, 17.1270, 20.9578** is the 20% darker color. If you saturate the color by 10%, you get **39.7666, 31.8998, 39.0052**, and if you desaturate by 10%, it is **48.6350, 46.0582, 52.9926**.

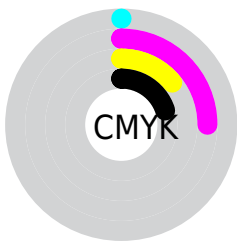
Distribution



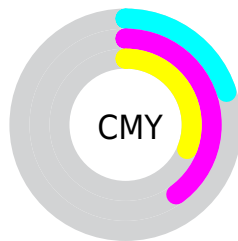
- Red (80%)
- Green (60%)
- Blue (69%)



- Red (80%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8679, 38.3890, 45.6552 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 43.8679, 38.3890, 45.6552 by changing the saturation by 10% instead.

 43.8679, 38.3890,
45.6552


 43.8679, 38.3890,
45.6552


353.0303,
339.2857, 385.6579

 30.7641, 26.2847,
31.6271


 80.2665, 72.7040,
85.0316

 20.5703, 17.0368,
20.8144


 104.2921, 95.6835,
111.2170

 12.9209, 10.2607,
12.7985


132.6889,
123.0569, 142.2918

 7.4507, 5.5722,
7.1608

165.8224,
155.2085, 178.6748

 3.7944, 2.5867,
3.4829

204.0580,
192.5229, 220.7843

 1.5865, 0.9200,
1.3462

247.7609,

 0.3836, 0.0000,

235.3842, 269.0390

0.0992

297.2965,
284.1771, 323.8574

■ 0.0000, 0.0000,
0.0000

■ 43.8679, 38.3890,
45.6552

■ 43.8679, 38.3890,
45.6552

■ 39.7666, 31.8998,
39.0052

■ 48.6350, 46.0582,
52.9926

■ 36.2964, 26.5262,
33.0184

■ 54.0939, 54.9573,
61.0357

■ 33.4243, 22.2055,
27.6722

■ 60.2731, 65.1393,
69.8052

■ 31.1127, 18.8666,
22.9419

■ 67.1987, 76.6530,
79.3200

■ 29.3195, 16.4297,
18.8005

■ 74.8953, 89.5444,
89.5982

■ 27.9962, 14.8021,
15.2184

■ 76.8801, 90.8447,
98.4887

■ 27.0837, 13.8700,
12.1615

■ 78.6549, 91.5546,
107.8348

■ 26.7570, 13.5794,
10.9336

■ 78.7120, 91.5774,
108.1354

Harmonies

Analogous

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



42.1031, 38.3890, 56.3985



43.8679, 38.3890, 45.6552



43.5575, 38.3890, 35.4644

Triad

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



43.8679, 38.3890, 45.6552



34.2029, 38.3890, 25.4860



32.0801, 38.3890, 59.0688

Complementary

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



43.8679, 38.3890, 45.6552



42.8838, 53.1982, 51.7265

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.



30.2274, 38.3890, 48.8465



43.8679, 38.3890, 45.6552



31.3950, 38.3890, 29.9653

Square

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



43.8679, 38.3890, 45.6552



37.8103, 38.3890, 24.9235



29.9853, 38.3890, 38.1665



35.1961, 38.3890, 64.9609

Rectangle

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



43.8679, 38.3890, 45.6552



42.2212, 38.3890, 30.2595



29.9853, 38.3890, 38.1665



31.2980, 38.3890, 55.9526

Sweetspot

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



43.8690, 38.3907, 45.6560



87.1058, 86.9566, 97.4809



41.0912, 36.5935, 62.0246



18.3431, 18.1206, 20.4241



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.



43.8690, 38.3907, 45.6560



68.5023, 56.9898, 68.9595



42.2256, 38.4160, 34.8974



11.4150, 11.2947, 12.7201



16.8863, 8.5651, 7.1199



0.9091, 0.4570, 0.5672

Inverse Universe

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



43.8690, 38.3907, 45.6560



68.5023, 56.9898, 68.9595



44.8292, 52.9959, 64.9935



11.4150, 11.2947, 12.7201



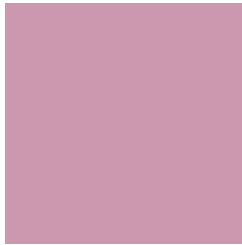
16.8863, 8.5651, 7.1199



0.9091, 0.4570, 0.5672

Previews

White Background



This preview shows how the XYZ color 43.8679, 38.3890, 45.6552 looks on a white background.

Color Contrast Check

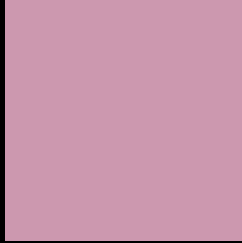
Large Text (above 18pt) WCAG AA × Fail

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 43.8679, 38.3890, 45.6552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

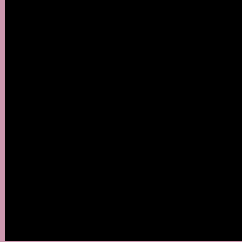
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8679, 38.3890, 45.6552

Background



This preview shows how black text looks on a background with the XYZ color 43.8679, 38.3890, 45.6552.



This preview shows how white text looks on a background with the XYZ color 43.8679, 38.3890,

45.6552.

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

43.8679, 38.3890, 45.6552

Protanopia

37.7005, 38.6907, 50.2808

Deuteranopia

39.2855, 38.5611, 44.9076



Tritanopia

42.9757, 38.5243, 40.7682

Trichromacy



Original Color

43.8679, 38.3890, 45.6552

Protanomaly

39.5735, 38.3687, 48.5002

Deuteranomaly

40.8531, 38.3285, 45.2894

Tritanomaly

43.1813, 38.3435, 42.6613

Monochromacy



Original Color

43.8679, 38.3890, 45.6552

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.8350, 39.1180, 44.4807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8679, 38.3890, 45.6552 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(204, 152, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 152, 175)  
}
```

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(204, 152, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 152, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.8679, 38.3890, 45.6552 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(204, 152, 175) }
```


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

```
.border{ border-color:rgb(204, 152, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 152, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 152, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 152, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 152,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8679, 38.3890, 45.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 152, 175) }
```

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

```
.background{ background-color: rgb(204,  
152, 175) }
```

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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