

Converting Colors

XYZ(43.5259, 38.4209, 39.1296)

Have a look what the booklet for
XYZ(43.5259, 38.4209, 39.1296)
contains.

XYZ(43.4820, 38.3305, 39.2892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4820, 38.3305,
39.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	CF98A2
RGB	207, 152, 162
RGB Percent	81%, 60%, 64%
CMY	0.1882, 0.4039, 0.3647
CMYK	0.00, 0.27, 0.22, 0.19
HSL	349°, 36%, 70%
HSV	349°, 27%, 81%
XYZ	43.4820, 38.3305, 39.2892
YIQ	169.5850, 29.5700, 14.7700

Conversions

Conversions Part 2

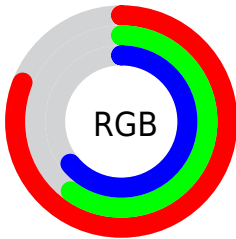
Format	Color
R _Y B	207, 152, 162
Decimal	13605026
CIE Lab	68.26, 22.06, 2.90
CIE LCh	68, 22.250, 7.478
Yxy	38.3305, 0.3591, 0.3165
Android (android.graphics.Color)	4291795106 (0xFFCF98A2)
YUV	169.5850, -3.7394, 32.8130
Hunter-Lab	61.9116, 17.0194, 5.7126

Details

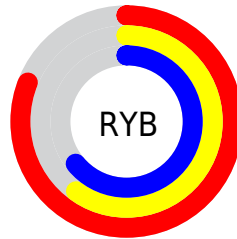
The XYZ color **43.4820, 38.3305, 39.2892** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3414, 55.3333, 61.1168**, and the grayscale version is **38.0106, 39.9901, 43.5492**.

A 20% lighter version of the original color is **76.0772, 70.8954, 75.3201**, and **20.4170, 17.1085, 16.9780** is the 20% darker color. If you saturate the color by 10%, you get **39.0054, 31.6264, 30.8624**, and if you desaturate by 10%, it is **48.7499, 46.2918, 48.9811**.

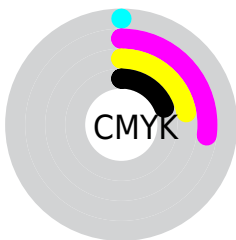
Distribution



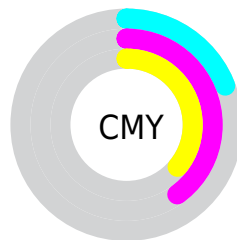
- Red (81%)
- Green (60%)
- Blue (64%)



- Red (81%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4820, 38.3305, 39.2892 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 43.4820, 38.3305, 39.2892 by changing the saturation by 10% instead.

 43.4820, 38.3305,
39.2892

 43.4820, 38.3305,
39.2892


351.4783,
339.0356, 358.5811

 30.4596, 26.2393,
26.6752


 79.6889, 72.6144,
75.3051

 20.3375, 17.0027,
17.0992


 103.6041, 95.5759,
99.5441

 12.7503, 10.2365,
10.1425


131.8811,
122.9297, 128.4952

 7.3327, 5.5560,
5.3867

164.8850,
155.0600, 162.5770

 3.7192, 2.5770,
2.4132

202.9814,
192.3514, 202.2079

 1.5445, 0.9151,
0.7936

246.5355,

 0.3558, 0.0000,

235.1882, 247.8065

0.0000

295.9126,
283.9548, 299.7914

0.0000, 0.0000,
0.0000

43.4820, 38.3305,
39.2892

43.4820, 38.3305,
39.2892

39.0054, 31.6264,
30.8624

48.7499, 46.2918,
48.9811

35.2783, 26.1102,
23.6459

54.8417, 55.5647,
59.9853

32.2601, 21.7136,
17.5842

61.7922, 66.2066,
72.3494

29.9047, 18.3596,
12.6164

69.6330, 78.2699,
86.1176

28.1607, 15.9612,
8.6759

78.2329, 91.4817,
101.2788

■ 26.9685, 14.4170,
5.6885

■ 79.5423, 92.0055,
108.1743

■ 26.2536, 13.5974,
3.5687

■ 26.0762, 13.4030,
3.0148

Harmonies

Analogous

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



42.9735, 38.3305, 49.5197



43.4820, 38.3305, 39.2892



42.0080, 38.3305, 31.1214

Triad

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



43.4820, 38.3305, 39.2892



32.5080, 38.3305, 28.2925



33.9270, 38.3305, 62.0726

Complementary

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



43.4820, 38.3305, 39.2892



45.3414, 55.3333, 61.1168

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.



31.3726, 38.3305, 54.5239



43.4820, 38.3305, 39.2892



30.5905, 38.3305, 34.8129

Square

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



43.4820, 38.3305, 39.2892



35.5675, 38.3305, 25.4638



30.1884, 38.3305, 44.2811



37.3104, 38.3305, 63.7811

Rectangle

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



43.4820, 38.3305, 39.2892



40.1515, 38.3305, 27.5649



30.1884, 38.3305, 44.2811



32.9496, 38.3305, 60.0818

Sweetspot

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



43.4831, 38.3323, 39.2900



86.3118, 86.6390, 93.3002



45.4962, 38.8224, 64.1275



18.1442, 18.0410, 19.3764



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.



43.4831, 38.3323, 39.2900



65.3625, 54.9416, 54.8678



45.6665, 44.0652, 35.8065



11.8952, 11.8428, 12.7241



16.4544, 8.4546, 2.0329



0.9471, 0.4836, 0.2564

Inverse Universe

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



43.4831, 38.3323, 39.2900



65.3625, 54.9416, 54.8678



42.5362, 47.8285, 66.0219



11.8952, 11.8428, 12.7241



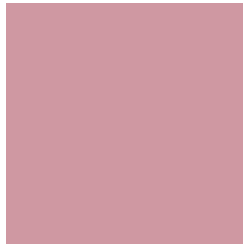
16.4544, 8.4546, 2.0329



0.9471, 0.4836, 0.2564

Previews

White Background



This preview shows how the XYZ color 43.4820, 38.3305, 39.2892 looks on a white background.

Color Contrast Check

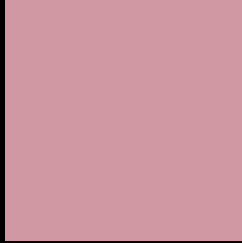
Large Text (above 18pt) WCAG AA × Fail

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 43.4820, 38.3305, 39.2892 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 43.4820, 38.3305, 39.2892

Background



This preview shows how black text looks on a background with the XYZ color 43.4820, 38.3305, 39.2892.



This preview shows how white text looks on a background with the XYZ color 43.4820, 38.3305,

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

43.4820, 38.3305, 39.2892

Protanopia

37.2541, 38.6097, 43.5191

Deuteranopia

39.0976, 38.3421, 38.5978



Tritanopia

43.5712, 38.3662, 39.7593

Trichromacy



Original Color

43.4820, 38.3305, 39.2892

Protanomaly

39.2484, 38.3470, 41.8923

Deuteranomaly

40.6522, 38.3644, 38.9807

Tritanomaly

43.5712, 38.3662, 39.7593

Monochromacy



Original Color

43.4820, 38.3305, 39.2892

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.6007, 39.0517, 42.0098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4820, 38.3305, 39.2892 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(207, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(207, 152, 162)  
}
```

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(207, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 152, 162) }
```

Border

The CSS property to change the border of an element to XYZ 43.4820, 38.3305, 39.2892 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(207, 152, 162) }
```


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

```
.border{ border-color:rgb(207, 152, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 152, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 152,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4820, 38.3305, 39.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 152, 162) }
```

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

```
.background{ background-color: rgb(207,  
152, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor