

Converting Colors

XYZ(43.9069, 38.4631, 58.6360)

Have a look what the booklet for
XYZ(43.9069, 38.4631, 58.6360)
contains.

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Color

**XYZ(43.8324, 38.3290,
58.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	C299C6
RGB	194, 153, 198
RGB Percent	76%, 60%, 78%
CMY	0.2392, 0.4000, 0.2235
CMYK	0.02, 0.23, 0.00, 0.22
HSL	295°, 28%, 69%
HSV	295°, 23%, 78%
XYZ	43.8324, 38.3290, 58.5141
YIQ	170.3890, 9.9910, 22.6870

Conversions

Conversions Part 2

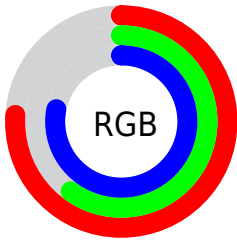
Format	Color
RYB	194, 153, 198
Decimal	12753350
CIELab	68.26, 23.10, -17.32
CIELCh	68, 28.872, 323.130
Yxy	38.3290, 0.3116, 0.2725
Android (android.graphics.Color)	4290943430 (0xFFC299C6)
YUV	170.3890, 13.6122, 20.7068
Hunter-Lab	61.9104, 18.0343, -12.7001

Details

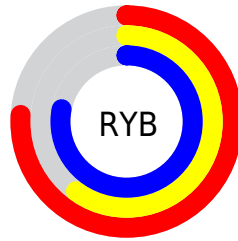
The XYZ color **43.8324, 38.3290, 58.5141** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.8498, 49.8571, 37.6620**, and the grayscale version is **38.3342, 40.3306, 43.9200**.

A 20% lighter version of the original color is **80.3895, 72.8410, 104.4305**, and **20.6006, 17.0918, 28.5988** is the 20% darker color. If you saturate the color by 10%, you get **40.4081, 32.1463, 57.5018**, and if you desaturate by 10%, it is **47.8022, 45.5932, 59.7076**.

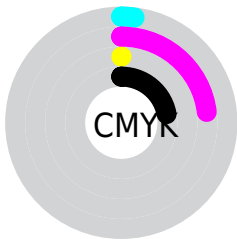
Distribution



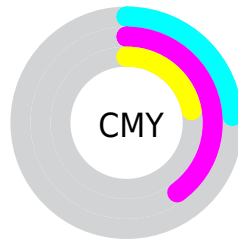
- Red (76%)
- Green (60%)
- Blue (78%)



- Red (76%)
- Yellow (60%)
- Blue (78%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)





- Cyan (24%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8324, 38.3290, 58.5141 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 43.8324, 38.3290, 58.5141 by changing the saturation by 10% instead.

 43.8324, 38.3290,
58.5141


 43.8324, 38.3290,
58.5141


352.8877,
339.0292, 436.7505

 30.7361, 26.2381,
41.8047

 80.2134, 72.6121,
104.1933

 20.5488, 17.0019,
28.6239


 104.2288, 95.5732,
134.0001

 12.9052, 10.2358,
18.5534


132.6147,
122.9264, 169.0098

 7.4398, 5.5556,
11.1745

165.7363,
155.0562, 209.6410

 3.7874, 2.5768,
6.0687

203.9590,
192.3470, 256.3121

 1.5826, 0.9150,
2.8174

247.6483,

 0.3810, 0.0000,

235.1832, 309.4417

1.0022

297.1694,
283.9491, 369.4483

■ 0.0000, 0.0000,
0.0000

■ 43.8324, 38.3290,
58.5141

■ 43.8324, 38.3290,
58.5141

■ 40.4081, 32.1463,
57.5018

■ 47.8022, 45.5932,
59.7076

■ 37.4991, 26.9872,
56.6593

■ 52.3385, 53.9834,
61.0879

■ 35.0780, 22.7957,
55.9778

■ 57.4658, 63.5474,
62.6638

■ 33.1130, 19.5086,
55.4469

■ 63.2059, 74.3290,
64.4423

■ 31.5688, 17.0553,
55.0548

■ 69.5795, 86.3697,
66.4304

■ 30.4047, 15.3545,
54.7879

■ 71.0091, 88.5141,
66.7690

■ 29.5720, 14.3087,
54.6299

■ 71.4960, 88.7651,
66.7918

■ 29.1091, 13.8288,
54.5617

■ 71.9883, 89.0189,
66.8148

■ 72.4862, 89.2756,
66.8381

Harmonies

Analogous

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



39.9511, 38.3290, 69.0525



43.8324, 38.3290, 58.5141



45.7550, 38.3290, 44.7815

Triad

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



43.8324, 38.3290, 58.5141



37.4798, 38.3290, 21.5840



29.0107, 38.3290, 52.2907

Complementary

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



43.8324, 38.3290, 58.5141



39.8498, 49.8571, 37.6620

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.



28.4677, 38.3290, 38.8275



43.8324, 38.3290, 58.5141



33.1232, 38.3290, 22.7790

Square

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



43.8324, 38.3290, 58.5141



41.8961, 38.3290, 24.8252



29.9128, 38.3290, 28.5139



31.4624, 38.3290, 64.9718

Rectangle

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



43.8324, 38.3290, 58.5141



45.5635, 38.3290, 36.3329



29.9128, 38.3290, 28.5139



28.6077, 38.3290, 47.6449

Sweetspot

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



43.8336, 38.3307, 58.5149



89.0363, 88.8356, 107.0620



35.4733, 35.1348, 58.3387



18.9517, 18.8188, 22.8835



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.



43.8336, 38.3307, 58.5149



74.6648, 62.5188, 102.7398



42.9193, 38.0852, 48.2703



10.9866, 10.7669, 13.4166



18.9674, 9.0123, 35.4842



0.9260, 0.4411, 1.6815

Inverse Universe

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



40.7670, 37.2242, 36.9364



68.3749, 60.2588, 58.0534



40.6830, 50.1017, 46.0559



10.6715, 10.6520, 11.2535



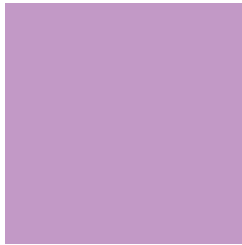
15.2280, 7.8408, 1.1445



0.7345, 0.3766, 0.1251

Previews

White Background



This preview shows how the XYZ color 43.8324, 38.3290, 58.5141 looks on a white background.

Color Contrast Check

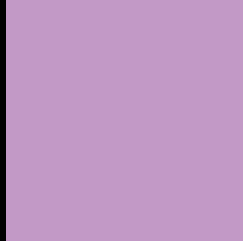
Large Text (above 18pt) WCAG AA × Fail

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 43.8324, 38.3290, 58.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

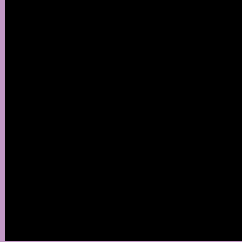
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8324, 38.3290, 58.5141

Background



This preview shows how black text looks on a background with the XYZ color 43.8324, 38.3290, 58.5141.



This preview shows how white text looks on a background with the XYZ color 43.8324, 38.3290,

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

43.8324, 38.3290, 58.5141

Protanopia

38.5003, 38.5346, 63.8013

Deuteranopia

39.4232, 38.6149, 57.6002



Tritanopia

40.7178, 38.3031, 43.2774

Trichromacy



Original Color

43.8324, 38.3290, 58.5141

Protanomaly

40.1019, 38.3476, 61.7881

Deuteranomaly

40.8363, 38.2925, 58.0622

Tritanomaly

41.6125, 38.1486, 48.3502

Monochromacy



Original Color

43.8324, 38.3290, 58.5141

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.1041, 39.4299, 48.6770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8324, 38.3290, 58.5141 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, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 198)  
}
```

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, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.8324, 38.3290, 58.5141 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, 153, 198) }
```


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

```
.border{ border-color:rgb(194, 153, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8324, 38.3290, 58.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 198) }
```

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

```
.background{ background-color: rgb(194,  
153, 198) }
```

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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