

Converting Colors

XYZ(43.8376, 38.0486, 50.2573)

Have a look what the booklet for
XYZ(43.8376, 38.0486, 50.2573)
contains.

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Color

**XYZ(43.8057, 38.0114,
50.3755)**

Conversions

Conversions Part 1

Format	Color
Hex	C997B8
RGB	201, 151, 184
RGB Percent	79%, 59%, 72%
CMY	0.2118, 0.4078, 0.2784
CMYK	0.00, 0.25, 0.08, 0.21
HSL	320°, 32%, 69%
HSV	320°, 25%, 79%
XYZ	43.8057, 38.0114, 50.3755
YIQ	169.7120, 19.2070, 20.8630

Conversions

Conversions Part 2

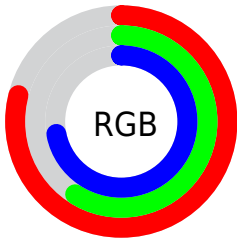
Format	Color
R _Y B	201, 151, 184
Decimal	13211576
CIE Lab	68.03, 24.03, -9.81
CIE LCh	68, 25.950, 337.793
Yxy	38.0114, 0.3314, 0.2875
Android (android.graphics.Color)	4291401656 (0xFFC997B8)
YUV	169.7120, 7.0440, 27.4396
Hunter-Lab	61.6534, 18.9336, -5.2871

Details

The XYZ color **43.8057, 38.0114, 50.3755** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.7185, 51.1808, 44.7809**, and the grayscale version is **38.0254, 40.0057, 43.5662**.

A 20% lighter version of the original color is **79.0395, 71.6939, 92.1105**, and **20.5080, 16.8640, 23.6469** is the 20% darker color. If you saturate the color by 10%, you get **40.1435, 31.8056, 45.7053**, and if you desaturate by 10%, it is **48.0562, 45.3374, 55.4135**.

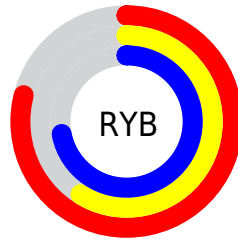
Distribution



Red (79%)

Green (59%)

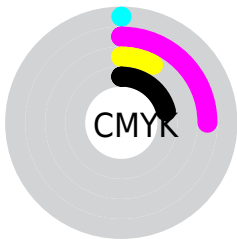
Blue (72%)



Red (79%)

Yellow (59%)

Blue (72%)

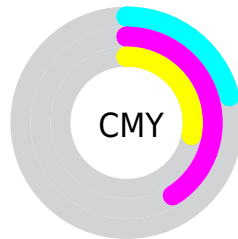


Cyan (0%)

Magenta (25%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (41%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8057, 38.0114, 50.3755 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 43.8057, 38.0114, 50.3755 by changing the saturation by 10% instead.


 43.8057, 38.0114,
50.3755


 43.8057, 38.0114,
50.3755


352.7804,
337.6689, 404.9096

 30.7150, 25.9915,
35.3386


 80.1734, 72.1256,
92.1330

 20.5327, 16.8173,
23.6382


 104.1812, 94.9887,
119.6907

 12.8934, 10.1043,
14.8557


132.5588,
122.2351, 152.2590

 7.4317, 5.4682,
8.5727

165.6715,
154.2491, 190.2566

 3.7822, 2.5245,
4.3705

203.8846,
191.4150, 234.1019

 1.5797, 0.8889,
1.8307

247.5636,

 0.3791, 0.0000,

234.1174, 284.2134

0.4481

297.0737,
282.7405, 341.0098

■ 0.0000, 0.0000,
0.0000

■ 43.8057, 38.0114,
50.3755

■ 43.8057, 38.0114,
50.3755

■ 40.1435, 31.8056,
45.7053

■ 48.0562, 45.3374,
55.4135

■ 37.0379, 26.6588,
41.3886

■ 52.9182, 53.8307,
60.8280

■ 34.4590, 22.5116,
37.4134

■ 58.4175, 63.5417,
66.6304

■ 32.3728, 19.2968,
33.7660

■ 64.5775, 74.5167,
72.8307

■ 30.7411, 16.9387,
30.4310

■ 71.4205, 86.7991,
79.4385

■ 29.5196, 15.3497,
27.3910

■ 73.4393, 89.3743,
84.6203

■ 28.6547, 14.4234,
24.6256

■ 74.3908, 89.7549,
89.6304

■ 28.2975, 14.1016,
23.2962

■ 75.3800, 90.1506,
94.8394

■ 76.4073, 90.5615,
100.2494

Harmonies

Analogous

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



41.0995, 38.0114, 61.5676



43.8057, 38.0114, 50.3755



44.3816, 38.0114, 38.4449

Triad

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



43.8057, 38.0114, 50.3755



35.0859, 38.0114, 23.0324



30.3330, 38.0114, 56.5676

Complementary

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



43.8057, 38.0114, 50.3755



40.7185, 51.1808, 44.7809

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.



28.9681, 38.0114, 44.4775



43.8057, 38.0114, 50.3755



31.5757, 38.0114, 26.1835

Square

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



43.8057, 38.0114, 50.3755



39.1439, 38.0114, 24.0234



29.4055, 38.0114, 33.5385



33.2724, 38.0114, 65.5816

Rectangle

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



43.8057, 38.0114, 50.3755



43.4430, 38.0114, 31.8599



29.4055, 38.0114, 33.5385



29.6852, 38.0114, 52.6482

Sweetspot

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



43.8068, 38.0131, 50.3763



88.6557, 88.7505, 102.0237



37.6884, 34.6405, 59.9588



18.8635, 18.7992, 21.7137



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.



43.8068, 38.0131, 50.3763



71.4013, 58.9566, 81.7365



41.4423, 37.0673, 37.9251



10.9239, 10.7530, 12.5826



17.8365, 8.8842, 14.8807



0.8775, 0.4338, 0.8779

Inverse Universe

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



43.8068, 38.0131, 50.3763



71.4013, 58.9566, 81.7365



43.2389, 52.1889, 58.0528



10.9239, 10.7530, 12.5826



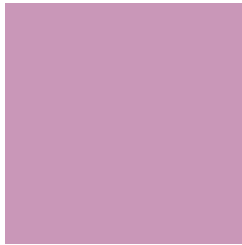
17.8365, 8.8842, 14.8807



0.8775, 0.4338, 0.8779

Previews

White Background



This preview shows how the XYZ color 43.8057, 38.0114, 50.3755 looks on a white background.

Color Contrast Check

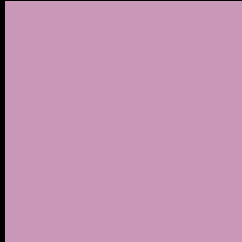
Large Text (above 18pt) WCAG AA × Fail

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 43.8057, 38.0114, 50.3755 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 43.8057, 38.0114, 50.3755

Background



This preview shows how black text looks on a background with the XYZ color 43.8057, 38.0114, 50.3755.



This preview shows how white text looks on a background with the XYZ color 43.8057, 38.0114,

50.3755.

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

43.8057, 38.0114, 50.3755

Protanopia

37.7787, 38.3376, 55.8608

Deuteranopia

38.8676, 37.9811, 49.5385



Tritanopia

41.9917, 38.0065, 41.1992

Trichromacy



Original Color

43.8057, 38.0114, 50.3755

Protanomaly

39.7696, 38.0894, 53.9711

Deuteranomaly

40.3714, 37.7232, 49.9532

Tritanomaly

42.7535, 38.0790, 44.6318

Monochromacy



Original Color

43.8057, 38.0114, 50.3755

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.8911, 39.1133, 46.0046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8057, 38.0114, 50.3755 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(201, 151, 184)` looks like.

```
.text, #text, p{  
    color:rgb(201, 151, 184)  
}
```

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(201, 151, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 151, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.8057, 38.0114, 50.3755 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(201, 151, 184) }
```


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

```
.border{ border-color:rgb(201, 151, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 151, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 151, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 151, 184);  
box-shadow:4px 4px 4px 4px rgb(201, 151,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8057, 38.0114, 50.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 151, 184) }
```

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

```
.background{ background-color: rgb(201,  
151, 184) }
```

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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