

Converting Colors

XYZ(43.9343, 38.4897, 64.7924)

Have a look what the booklet for
XYZ(43.9343, 38.4897, 64.7924)
contains.

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Color

**XYZ(43.9270, 38.4841,
64.7875)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9AD0
RGB	189, 154, 208
RGB Percent	74%, 60%, 82%
CMY	0.2588, 0.3961, 0.1843
CMYK	0.09, 0.26, 0.00, 0.18
HSL	279°, 36%, 71%
HSV	279°, 26%, 82%
XYZ	43.9270, 38.4841, 64.7875
YIQ	170.6210, 3.5260, 24.2140

Conversions

Conversions Part 2

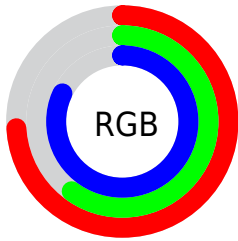
Format	Color
RYB	189, 154, 208
Decimal	12425936
CIELab	68.38, 22.89, -22.74
CIElCh	68, 32.265, 315.180
Yxy	38.4841, 0.2984, 0.2614
Android (android.graphics.Color)	4290616016 (0xFFBD9AD0)
YUV	170.6210, 18.4278, 16.1184
Hunter-Lab	62.0356, 17.8325, -18.4953

Details

The XYZ color **43.9270, 38.4841, 64.7875** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.6236, 56.3301, 39.0419**, and the grayscale version is **38.4291, 40.4304, 44.0288**.

A 20% lighter version of the original color is **78.8565, 72.4138, 104.4288**, and **20.5917, 17.1513, 32.3622** is the 20% darker color. If you saturate the color by 10%, you get **39.0173, 31.2916, 63.6586**, and if you desaturate by 10%, it is **49.5256, 46.9167, 66.1207**.

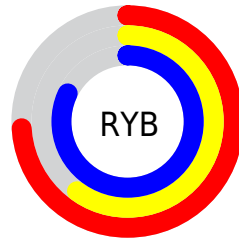
Distribution



Red (74%)

Green (60%)

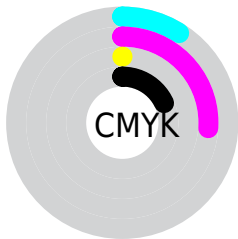
Blue (82%)



Red (74%)

Yellow (60%)

Blue (82%)

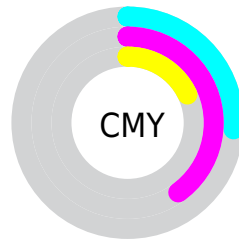


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (40%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9270, 38.4841, 64.7875 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 43.9270, 38.4841, 64.7875 by changing the saturation by 10% instead.


 43.9270, 38.4841,
64.7875


 43.9270, 38.4841,
64.7875


353.2675,
339.6921, 460.3132

 30.8108, 26.3586,
46.8385

 80.3549, 72.8495,
113.3546

 20.6059, 17.0921,
32.5546


 104.3973, 95.8583,
144.8099

 12.9471, 10.3002,
21.5171


132.8125,
123.2636, 181.6044

 7.4689, 5.5984,
13.3076

165.9658,
155.4498, 224.1565

 3.8059, 2.6025,
7.5075

204.2226,
192.8014, 272.8850

 1.5929, 0.9279,
3.6982

247.9483,

 0.3878, 0.0000,

235.7027, 328.2082

1.4613

297.5081,
284.5381, 390.5448

■ 0.0000, 0.0000,
0.1889

■ 0.0000, 0.0000,
0.0000

■ 43.9270, 38.4841,
64.7875

■ 43.9270, 38.4841,
64.7875

■ 39.0173, 31.2916,
63.6586

■ 49.5256, 46.9167,
66.1207

■ 34.7609, 25.2724,
62.7211

■ 55.8391, 56.6422,
67.6651

■ 31.1241, 20.3604,
61.9646

■ 62.8968, 67.7161,
69.4306

■ 28.0686, 16.4811,
61.3769

■ 70.7250, 80.1892,
71.4256

■ 25.5514, 13.5504,
60.9439

■ 78.3826, 92.1775,
73.3360

■ 23.5224, 11.4707,
60.6494

■ 80.7216, 93.3833,
73.4454

■ 21.9197, 10.1202,
60.4732

■ 83.1596, 94.6402,
73.5595

■ 21.3469, 9.6895,
60.4203

■ 85.6980, 95.9487,
73.6783

■ 88.3377, 97.3096,
73.8019

Harmonies

Analogous

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



39.1869, 38.4841, 74.9809



43.9270, 38.4841, 64.7875



46.8195, 38.4841, 49.4461

Triad

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



43.9270, 38.4841, 64.7875



39.1249, 38.4841, 20.3155



27.9641, 38.4841, 49.6355

Complementary

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



43.9270, 38.4841, 64.7875



45.6236, 56.3301, 39.0419

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.



27.9508, 38.4841, 35.1683



43.9270, 38.4841, 64.7875



34.0876, 38.4841, 20.3436

Square

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



43.9270, 38.4841, 64.7875



43.8781, 38.4841, 25.0743



30.0980, 38.4841, 25.1625



30.1361, 38.4841, 64.9535

Rectangle

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



43.9270, 38.4841, 64.7875



47.1551, 38.4841, 39.4354



30.0980, 38.4841, 25.1625



27.7140, 38.4841, 44.4707

Sweetspot

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



43.9282, 38.4857, 64.7883



86.2922, 86.3318, 106.7234



39.8105, 41.6206, 65.6105



18.1361, 17.9619, 22.7611



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.



43.9282, 38.4857, 64.7883



65.3025, 54.6121, 101.7071



48.0883, 40.7303, 60.4631



11.8903, 11.7923, 14.8931



13.4126, 6.0947, 37.6620



0.8342, 0.3842, 2.1098

Inverse Universe

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



45.1122, 39.5399, 44.7913



67.6264, 56.6394, 64.3472



42.3344, 54.5631, 42.1130



11.9781, 11.8760, 13.1603



17.0075, 8.6758, 4.9457



0.9882, 0.5000, 0.4727

Previews

White Background



This preview shows how the XYZ color 43.9270, 38.4841, 64.7875 looks on a white background.

Color Contrast Check

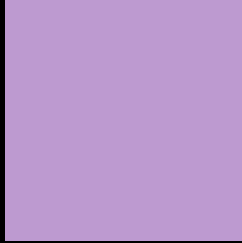
Large Text (above 18pt) WCAG AA × Fail

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 43.9270, 38.4841, 64.7875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

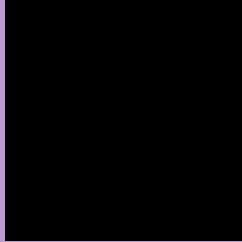
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9270, 38.4841, 64.7875

Background



This preview shows how black text looks on a background with the XYZ color 43.9270, 38.4841, 64.7875.



This preview shows how white text looks on a background with the XYZ color 43.9270, 38.4841,

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

43.9270, 38.4841, 64.7875

Protanopia

39.1762, 38.7382, 70.3781

Deuteranopia

39.3420, 38.4371, 63.7381



Tritanopia

40.0549, 38.6972, 44.8934

Trichromacy



Original Color

43.9270, 38.4841, 64.7875

Protanomaly

40.6915, 38.5093, 68.2392

Deuteranomaly

40.8465, 38.4173, 64.2939

Tritanomaly

41.3395, 38.4380, 51.6948

Monochromacy



Original Color

43.9270, 38.4841, 64.7875

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.4670, 39.8359, 50.9037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9270, 38.4841, 64.7875 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(189, 154, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 154, 208)  
}
```

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(189, 154, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 154, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.9270, 38.4841, 64.7875 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(189, 154, 208) }
```


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

```
.border{ border-color:rgb(189, 154, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 154, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 154, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 154, 208);  
box-shadow:4px 4px 4px 4px rgb(189, 154,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9270, 38.4841, 64.7875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 154, 208) }
```

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

```
.background{ background-color: rgb(189,  
154, 208) }
```

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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