

Converting Colors

XYZ(42.6438, 40.8859, 54.3622)

Have a look what the booklet for
XYZ(42.6438, 40.8859, 54.3622)
contains.

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Color

**XYZ(42.7570, 40.9423,
54.3643)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A5BE
RGB	185, 165, 190
RGB Percent	73%, 65%, 75%
CMY	0.2745, 0.3529, 0.2549
CMYK	0.03, 0.13, 0.00, 0.25
HSL	288°, 16%, 70%
HSV	288°, 13%, 75%
XYZ	42.7570, 40.9423, 54.3643
YIQ	173.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

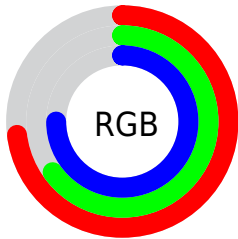
Format	Color
R _Y B	185, 165, 190
Decimal	12166590
CIE Lab	70.14, 11.84, -10.16
CIE LCh	70, 15.598, 319.376
Yxy	40.9423, 0.3097, 0.2965
Android (android.graphics.Color)	4290356670 (0xFFB9A5BE)
YUV	173.8300, 7.9718, 9.7961
Hunter-Lab	63.9862, 7.3019, -5.5840

Details

The XYZ color **42.7570, 40.9423, 54.3643** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.7841, 48.0906, 42.6796**, and the grayscale version is **40.1049, 42.1935, 45.9487**.

A 20% lighter version of the original color is **78.5034, 76.5410, 97.8251**, and **19.9362, 18.5219, 26.1912** is the 20% darker color. If you saturate the color by 10%, you get **38.6772, 34.1249, 53.2641**, and if you desaturate by 10%, it is **47.3729, 48.7941, 55.6372**.

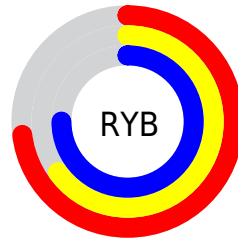
Distribution



Red (73%)

Green (65%)

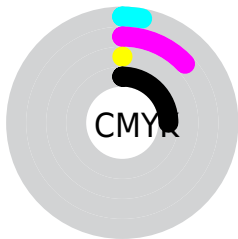
Blue (75%)



Red (73%)

Yellow (65%)

Blue (75%)

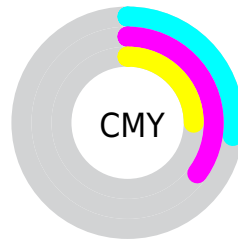


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7570, 40.9423, 54.3643 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 42.7570, 40.9423, 54.3643 by changing the saturation by 10% instead.

■ 42.7570, 40.9423,
54.3643

■ 42.7570, 40.9423,
54.3643

348.5500,
350.0794, 420.7115

■ 29.8882, 28.2740,
38.4978

■ 78.6020, 76.5963,
98.0707

■ 19.9014, 18.5323,
26.0645

■ 102.3090,
100.3508, 126.7478

■ 12.4312, 11.3328,
16.6457

130.3593,
128.5695, 160.5321

■ 7.1124, 6.2912,
9.8229

163.1185,
161.6367, 199.8422

■ 3.5794, 3.0229,
5.1776

200.9518,
199.9369, 245.0966

■ 1.4671, 1.1437,
2.2913

244.2245,

■ 0.3033, 0.0150,

243.8545, 296.7140

0.7263

293.3021,
293.7739, 355.1128

■ 0.0000, 0.0000,
0.0000

■ 42.7570, 40.9423,
54.3643

■ 42.7570, 40.9423,
54.3643

■ 38.6772, 34.1249,
53.2641

■ 47.3729, 48.7941,
55.6372

■ 35.1072, 28.2918,
52.3263

■ 52.5424, 57.7170,
57.0870

■ 32.0240, 23.3966,
51.5439

■ 58.2866, 67.7526,
58.7213

■ 29.4015, 19.3870,
50.9082

■ 64.6246, 78.9385,
60.5464

■ 27.2106, 16.2055,
50.4096

■ 69.9570, 88.0755,
62.0289

■ 25.4192, 13.7880,
50.0374

■ 71.0115, 88.6191,
62.0783

■ 23.9902, 12.0606,
49.7793

■ 72.0916, 89.1759,
62.1288

■ 22.8791, 10.9346,
49.6205

■ 73.1974, 89.7460,
62.1806

■ 22.2429, 10.3930,
49.5495

■ 74.3292, 90.3295,
62.2336

Harmonies

Analogous

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



40.5644, 40.9423, 59.1863



42.7570, 40.9423, 54.3643



43.9368, 40.9423, 47.2192

Triad

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



42.7570, 40.9423, 54.3643



39.8256, 40.9423, 32.1497



34.4686, 40.9423, 49.4037

Complementary

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



42.7570, 40.9423, 54.3643



41.7841, 48.0906, 42.6796

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.



34.2902, 40.9423, 42.0395



42.7570, 40.9423, 54.3643



37.3098, 40.9423, 32.5979

Square

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



42.7570, 40.9423, 54.3643



42.1959, 40.9423, 34.7452



35.3093, 40.9423, 36.0449



35.8077, 40.9423, 56.1129

Rectangle

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



42.7570, 40.9423, 54.3643



43.9569, 40.9423, 42.3297



35.3093, 40.9423, 36.0449



34.2732, 40.9423, 46.9070

Sweetspot

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



42.7582, 40.9441, 54.3652



85.0447, 87.0491, 100.5989



39.2660, 40.6249, 54.4876



18.5289, 18.8651, 22.0501



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.7582, 40.9441, 54.3652



75.0868, 70.1651, 97.8648



43.2302, 41.2746, 50.4437



9.7380, 9.5973, 12.0114



14.8550, 6.9441, 32.9503



0.6303, 0.2970, 1.2930

Inverse Universe

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



41.9475, 40.7616, 43.6891



73.3367, 69.7813, 74.3595



41.3864, 47.8091, 46.1202



9.6061, 9.5667, 10.3148



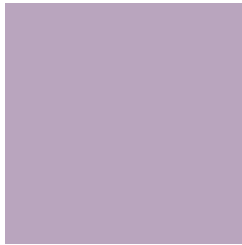
14.3758, 7.3815, 2.0068



0.5866, 0.2985, 0.2025

Previews

White Background



This preview shows how the XYZ color 42.7570, 40.9423, 54.3643 looks on a white background.

Color Contrast Check

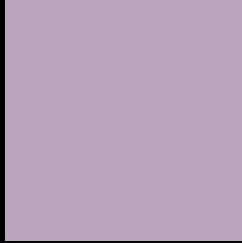
Large Text (above 18pt) WCAG AA × Fail

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 42.7570, 40.9423, 54.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

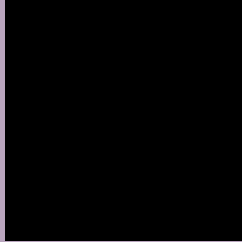
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7570, 40.9423, 54.3643

Background



This preview shows how black text looks on a background with the XYZ color 42.7570, 40.9423, 54.3643.



This preview shows how white text looks on a background with the XYZ color 42.7570, 40.9423,

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

42.7570, 40.9423, 54.3643

Protanopia

40.1488, 40.9245, 56.2352

Deuteranopia

41.9354, 41.0584, 54.4300



Tritanopia

41.5854, 41.0000, 48.9020

Trichromacy



Original Color

42.7570, 40.9423, 54.3643

Protanomaly

40.9726, 40.8097, 55.5867

Deuteranomaly

42.2219, 40.9352, 54.3912

Tritanomaly

42.0551, 40.9235, 51.0299

Monochromacy



Original Color

42.7570, 40.9423, 54.3643

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1612, 41.8861, 49.0954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7570, 40.9423, 54.3643 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(185, 165, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 190)  
}
```

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(185, 165, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.7570, 40.9423, 54.3643 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(185, 165, 190) }
```


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

```
.border{ border-color:rgb(185, 165, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 165, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 165, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 165, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 165,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7570, 40.9423, 54.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 190) }
```

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

```
.background{ background-color: rgb(185,  
165, 190) }
```

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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