

Converting Colors

XYZ(43.6035, 42.7331, 50.1900)

Have a look what the booklet for
XYZ(43.6035, 42.7331, 50.1900)
contains.

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Color

**XYZ(43.5573, 42.8182,
50.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAAB6
RGB	188, 170, 182
RGB Percent	74%, 67%, 71%
CMY	0.2627, 0.3333, 0.2863
CMYK	0.00, 0.10, 0.03, 0.26
HSL	320°, 12%, 70%
HSV	320°, 10%, 74%
XYZ	43.5573, 42.8182, 50.2250
YIQ	176.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

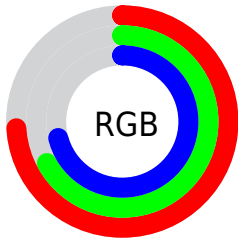
Format	Color
R _Y B	188, 170, 182
Decimal	12364470
CIE Lab	71.43, 8.63, -3.79
CIE LCh	71, 9.423, 336.300
Yxy	42.8182, 0.3189, 0.3135
Android (android.graphics.Color)	4290554550 (0xFFBCAAB6)
YUV	176.7500, 2.5883, 9.8663
Hunter-Lab	65.4356, 4.3064, 0.2970

Details

The XYZ color **43.5573, 42.8182, 50.2250** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3989, 47.6483, 48.0390**, and the grayscale version is **41.6442, 43.8129, 47.7123**.

A 20% lighter version of the original color is **79.6661, 79.2566, 91.9881**, and **20.4326, 19.6927, 23.4930** is the 20% darker color. If you saturate the color by 10%, you get **39.6490, 36.0146, 45.7978**, and if you desaturate by 10%, it is **48.0011, 50.6451, 54.9748**.

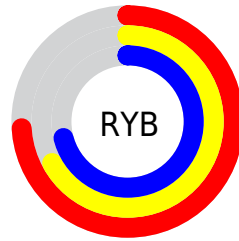
Distribution



Red (74%)

Green (67%)

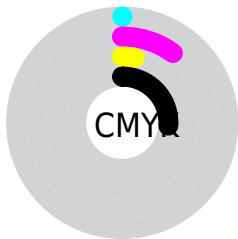
Blue (71%)



Red (74%)

Yellow (67%)

Blue (71%)

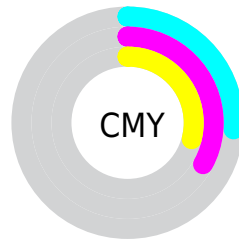


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5573, 42.8182, 50.2250 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 43.5573, 42.8182, 50.2250 by changing the saturation by 10% instead.

■ 43.5573, 42.8182,
50.2250

■ 43.5573, 42.8182,
50.2250

351.7815,
357.8636, 404.3054

■ 30.5190, 29.7425,
35.2198

■ 79.8017, 79.4364,
91.9079

■ 20.3829, 19.6432,
23.5473

103.7385,
103.7478, 119.4226

■ 12.7836, 12.1360,
14.7891

132.0388,
132.5731, 151.9443

■ 7.3556, 6.8363,
8.5265

165.0681,
166.2968, 189.8914

■ 3.7338, 3.3600,
4.3411

203.1916,
205.3034, 233.6826

■ 1.5527, 1.3224,
1.8143

246.7748,

■ 0.3613, 0.1585,

249.9771, 283.7363

0.4373

296.1830,
300.7023, 340.4710

■ 0.0000, 0.0000,
0.0000

■ 43.5573, 42.8182,
50.2250

■ 43.5573, 42.8182,
50.2250

■ 39.6490, 36.0146,
45.7978

■ 48.0011, 50.6451,
54.9748

■ 36.2507, 30.1860,
41.6814

■ 52.9970, 59.5299,
60.0529

■ 33.3407, 25.2884,
37.8670

■ 58.5656, 69.5125,
65.4687

■ 30.8937, 21.2726,
34.3444

■ 64.7252, 80.6290,
71.2298

■ 28.8825, 18.0843,
31.1026

■ 68.5529, 87.0330,
76.3638

■ 27.2768, 15.6636,
28.1293

■ 69.3659, 87.3581,
80.6447

■ 26.0420, 13.9423,
25.4110

■ 70.2099, 87.6958,
85.0894

■ 25.1377, 12.8400,
22.9322

■ 71.0854, 88.0460,
89.6997

■ 24.4876, 12.2048,
20.6652

■ 71.9927, 88.4089,
94.4774

Harmonies

Analogous

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



42.5317, 42.8182, 54.0290



43.5573, 42.8182, 50.2250



43.8079, 42.8182, 45.6688

Triad

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



43.5573, 42.8182, 50.2250



40.3633, 42.8182, 38.4602



38.2863, 42.8182, 51.9918

Complementary

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



43.5573, 42.8182, 50.2250



42.3989, 47.6483, 48.0390

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.



37.7378, 42.8182, 47.5878



43.5573, 42.8182, 50.2250



38.9167, 42.8182, 39.9245

Square

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



43.5573, 42.8182, 50.2250



41.9369, 42.8182, 39.0654



37.9655, 42.8182, 43.1951



39.4826, 42.8182, 55.0945

Rectangle

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



43.5573, 42.8182, 50.2250



43.4961, 42.8182, 42.8541



37.9655, 42.8182, 43.1951



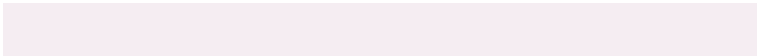
38.0215, 42.8182, 50.6039

Sweetspot

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



43.5585, 42.8201, 50.2259



84.0827, 86.6412, 96.5733



41.3580, 41.6125, 53.4299



17.9399, 18.3820, 20.6171



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.5585, 42.8201, 50.2259



77.7392, 75.4988, 89.6970



42.6581, 42.4599, 45.4844



9.7910, 9.6407, 11.2886



16.6901, 8.3072, 14.1936



0.6829, 0.3371, 0.7096

Inverse Universe

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



43.5585, 42.8201, 50.2259



77.7392, 75.4988, 89.6970



43.3192, 48.0164, 52.8849



9.7910, 9.6407, 11.2886



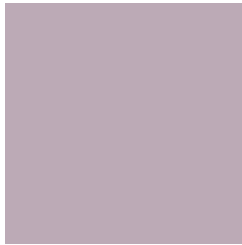
16.6901, 8.3072, 14.1936



0.6829, 0.3371, 0.7096

Previews

White Background



This preview shows how the XYZ color 43.5573, 42.8182, 50.2250 looks on a white background.

Color Contrast Check

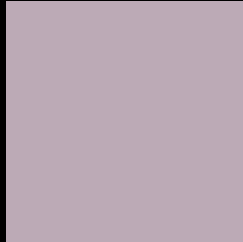
Large Text (above 18pt) WCAG AA × Fail

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 43.5573, 42.8182, 50.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

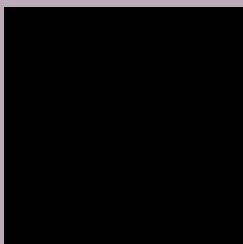
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

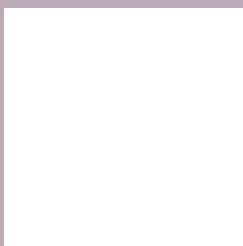
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5573, 42.8182, 50.2250

Background



This preview shows how black text looks on a background with the XYZ color 43.5573, 42.8182, 50.2250.



This preview shows how white text looks on a background with the XYZ color 43.5573, 42.8182,

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

43.5573, 42.8182, 50.2250

Protanopia

41.4670, 42.8468, 51.4321

Deuteranopia

43.8045, 42.9457, 50.2366



Tritanopia

43.6610, 42.8597, 50.7713

Trichromacy



Original Color

43.5573, 42.8182, 50.2250

Protanomaly

42.3132, 43.0093, 50.8712

Deuteranomaly

43.8045, 42.9457, 50.2366

Tritanomaly

43.6610, 42.8597, 50.7713

Monochromacy



Original Color

43.5573, 42.8182, 50.2250

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3288, 43.3505, 48.7843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5573, 42.8182, 50.2250 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(188, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 182)  
}
```

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(188, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.5573, 42.8182, 50.2250 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(188, 170, 182) }
```


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

```
.border{ border-color:rgb(188, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(188, 170,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5573, 42.8182, 50.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 170, 182) }
```

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

```
.background{ background-color: rgb(188,  
170, 182) }
```

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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