

Converting Colors

XYZ(42.0571, 43.4983, 48.8272)

Have a look what the booklet for
XYZ(42.0571, 43.4983, 48.8272)
contains.

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Color

**XYZ(42.0571, 43.4983,
48.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AFB3
RGB	179, 175, 179
RGB Percent	70%, 69%, 70%
CMY	0.2980, 0.3137, 0.2980
CMYK	0.00, 0.02, 0.00, 0.30
HSL	300°, 3%, 69%
HSV	300°, 2%, 70%
XYZ	42.0571, 43.4983, 48.8272
YIQ	176.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

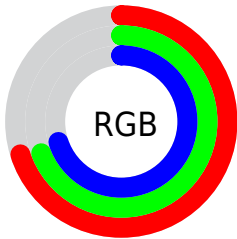
Format	Color
RYB	179, 175, 179
Decimal	11775923
CIELab	71.89, 2.17, -1.55
CIELCh	72, 2.662, 324.475
Yxy	43.4983, 0.3130, 0.3237
Android (android.graphics.Color)	4289966003 (0xFFB3AFB3)
YUV	176.6520, 1.1576, 2.0592
Hunter-Lab	65.9532, -1.5922, 2.2731

Details

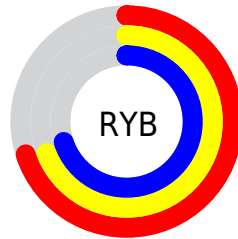
The XYZ color **42.0571, 43.4983, 48.8272** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5388, 44.4506, 46.9502**, and the grayscale version is **41.6022, 43.7688, 47.6642**.

A 20% lighter version of the original color is **77.8323, 80.8122, 90.0934**, and **19.4530, 20.1079, 22.5946** is the 20% darker color. If you saturate the color by 10%, you get **38.8020, 36.9877, 47.7422**, and if you desaturate by 10%, it is **45.7765, 50.9363, 50.0681**.

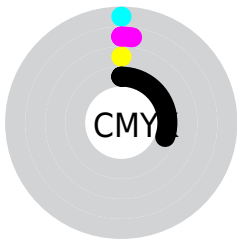
Distribution



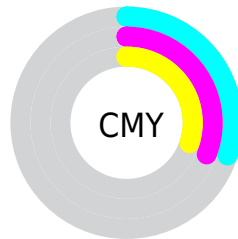
- Red (70%)
- Green (69%)
- Blue (70%)



- Red (70%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0571, 43.4983, 48.8272 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 42.0571, 43.4983, 48.8272 by changing the saturation by 10% instead.

■ 42.0571, 43.4983,
48.8272

■ 42.0571, 43.4983,
48.8272

345.7072,
360.6570, 398.6645

■ 29.3373, 30.2763,
34.1178

■ 77.5507, 80.4623,
89.8131

■ 19.4817, 20.0484,
22.7060

101.0551,
104.9730, 116.9266

■ 12.1249, 12.4302,
14.1733

128.8852,
134.0155, 149.0120

■ 6.9016, 7.0374,
8.1012

161.4063,
167.9740, 186.4877

■ 3.4464, 3.4855,
4.0711

198.9836,
207.2330, 229.7722

■ 1.3940, 1.3901,
1.6644

241.9827,

■ 0.2520, 0.2094,

252.1770, 279.2842

0.3362

290.7687,
303.1902, 335.4421

■ 0.0000, 0.0000,
0.0000

■ 42.0571, 43.4983,
48.8272

■ 42.0571, 43.4983,
48.8272

■ 38.8020, 36.9877,
47.7422

■ 45.7765, 50.9363,
50.0681

■ 35.9895, 31.3629,
46.8042

■ 49.9735, 59.3301,
51.4676

■ 33.6016, 26.5872,
46.0076

■ 54.6655, 68.7140,
53.0321

■ 31.6176, 22.6194,
45.3458

■ 59.8680, 79.1188,
54.7668

■ 30.0153, 19.4149,
44.8112

■ 62.4881, 84.3588,
55.6407

■ 28.7701, 16.9248,
44.3956

■ 62.4882, 84.3589,
55.6413

■ 27.8548, 15.0942,
44.0899

■ 62.4883, 84.3589,
55.6418

■ 27.2379, 13.8607,
43.8838

■ 62.4884, 84.3589,
55.6424

■ 26.8823, 13.1497,
43.7647

■ 62.4885, 84.3590,
55.6429

Harmonies

Analogous

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



41.7059, 43.4983, 49.6701



42.0571, 43.4983, 48.8272



42.2173, 43.4983, 47.6029

Triad

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



42.0571, 43.4983, 48.8272



41.4278, 43.4983, 44.9214



40.5558, 43.4983, 48.4037

Complementary

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



42.0571, 43.4983, 48.8272



41.5388, 44.4506, 46.9502

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.



40.4825, 43.4983, 47.1224



42.0571, 43.4983, 48.8272



40.9839, 43.4983, 45.1270

Square

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



42.0571, 43.4983, 48.8272



41.8522, 43.4983, 45.3600



40.6387, 43.4983, 45.9269



40.8396, 43.4983, 49.4225

Rectangle

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



42.0571, 43.4983, 48.8272



42.1933, 43.4983, 46.7412



40.6387, 43.4983, 45.9269



40.5058, 43.4983, 47.9888

Sweetspot

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



42.0583, 43.5002, 48.8281



76.0891, 79.4364, 87.7035



41.1477, 43.0307, 48.7857



16.8651, 17.6142, 19.4332



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



42.0583, 43.5002, 48.8281



74.8166, 76.8915, 87.2791



41.8576, 43.4199, 47.7712



9.2598, 9.4663, 10.8454



18.8859, 9.0719, 30.8887



0.5942, 0.2854, 0.9719

Inverse Universe

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



42.0583, 43.5002, 48.8281



74.8166, 76.8915, 87.2791



41.7366, 44.5297, 47.9918



9.2598, 9.4663, 10.8454



18.8859, 9.0719, 30.8887



0.5942, 0.2854, 0.9719

Previews

White Background



This preview shows how the XYZ color 42.0571, 43.4983, 48.8272 looks on a white background.

Color Contrast Check

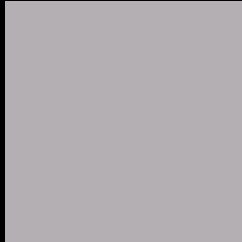
Large Text (above 18pt) WCAG AA × Fail

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 42.0571, 43.4983, 48.8272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

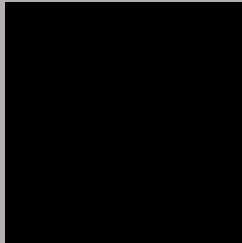
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0571, 43.4983, 48.8272

Background



This preview shows how black text looks on a background with the XYZ color 42.0571, 43.4983, 48.8272.



This preview shows how white text looks on a background with the XYZ color 42.0571, 43.4983,

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

42.0571, 43.4983, 48.8272

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

44.2870, 43.4975, 49.2417



Tritanopia

42.9281, 43.5633, 53.1597

Trichromacy



Original Color

42.0571, 43.4983, 48.8272

Protanomaly

41.8268, 43.3796, 48.8164

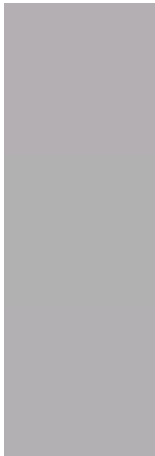
Deuteranomaly

43.4843, 43.3651, 49.2585

Tritanomaly

42.6102, 43.4361, 51.4856

Monochromacy



Original Color

42.0571, 43.4983, 48.8272

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9213, 43.7300, 48.3507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0571, 43.4983, 48.8272 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(179, 175, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 179)  
}
```

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(179, 175, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.0571, 43.4983, 48.8272 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(179, 175, 179) }
```


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

```
.border{ border-color:rgb(179, 175, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0571, 43.4983, 48.8272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 179) }
```

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

```
.background{ background-color: rgb(179,  
175, 179) }
```

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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