

Converting Colors

XYZ(43.2574, 43.0206, 47.4865)

Have a look what the booklet for
XYZ(43.2574, 43.0206, 47.4865)
contains.

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Color

**XYZ(43.2378, 42.9915,
47.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	BCABB1
RGB	188, 171, 177
RGB Percent	74%, 67%, 69%
CMY	0.2627, 0.3294, 0.3059
CMYK	0.00, 0.09, 0.06, 0.26
HSL	339°, 11%, 70%
HSV	339°, 9%, 74%
XYZ	43.2378, 42.9915, 47.6143
YIQ	176.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

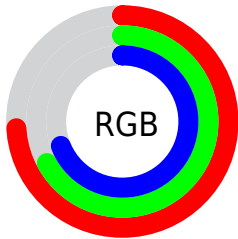
Format	Color
R_{YB}	188, 171, 177
Decimal	12364721
CIE Lab	71.55, 7.18, -0.86
CIE LCh	72, 7.227, 353.173
Yxy	42.9915, 0.3230, 0.3212
Android (android.graphics.Color)	4290554801 (0xFFBCABB1)
YUV	176.7670, 0.1149, 9.8513
Hunter-Lab	65.5679, 2.9654, 2.8421

Details

The XYZ color **43.2378, 42.9915, 47.6143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2230, 48.0030, 51.2458**, and the grayscale version is **41.6651, 43.8350, 47.7363**.

A 20% lighter version of the original color is **79.2126, 79.5090, 88.2626**, and **20.2266, 19.7998, 21.8245** is the 20% darker color. If you saturate the color by 10%, you get **38.7772, 35.9249, 40.4086**, and if you desaturate by 10%, it is **48.3141, 51.1152, 55.5598**.

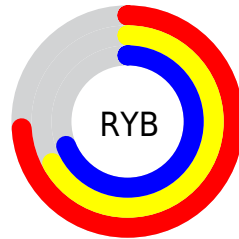
Distribution



Red (74%)

Green (67%)

Blue (69%)



Red (74%)

Yellow (67%)

Blue (69%)

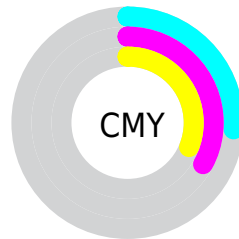


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2378, 42.9915, 47.6143 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 43.2378, 42.9915, 47.6143 by changing the saturation by 10% instead.


 43.2378, 42.9915,
47.6143

 43.2378, 42.9915,
47.6143


350.4938,
358.5768, 393.7258

 30.2671, 29.8784,
33.1637


 79.3231, 79.6980,
87.9894

 20.1905, 19.7463,
21.9798


103.1683,
104.0603, 114.7510

 12.6426, 12.2108,
13.6439


131.3691,
132.9411, 146.4534

 7.2582, 6.8874,
7.7375

164.2908,
166.7248, 183.5151

 3.6719, 3.3918,
3.8421

202.2988,
205.7959, 226.3547

 1.5182, 1.3395,
1.5391

245.7583,

 0.3382, 0.1715,

250.5386, 275.3906

0.2468

295.0349,
301.3375, 331.0415

■ 0.0000, 0.0000,
0.0000

■ 43.2378, 42.9915,
47.6143

■ 43.2378, 42.9915,
47.6143

■ 38.7772, 35.9249,
40.4086

■ 48.3141, 51.1152,
55.5598

■ 34.9046, 29.8664,
33.9181

■ 54.0250, 60.3315,
64.2631

■ 31.5956, 24.7711,
28.1207

■ 60.3934, 70.6810,
73.7454

■ 28.8226, 20.5888,
22.9921

■ 67.4396, 82.2006,
84.0258

■ 26.5555, 17.2646,
18.5064

■ 71.9080, 88.3750,
94.0312

■ 24.7613, 14.7377,
14.6360

■ 73.7552, 89.1139,
103.7588

■ 23.4026, 12.9390,
11.3507

■ 74.5493, 89.4315,
107.9406

■ 22.4359, 11.7876,
8.6174

■ 21.7870, 11.1419,
6.3911

Harmonies

Analogous

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



42.7703, 42.9915, 50.9574



43.2378, 42.9915, 47.6143



43.0587, 42.9915, 44.2142

Triad

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



43.2378, 42.9915, 47.6143



39.9452, 42.9915, 40.8973



39.4710, 42.9915, 52.4012

Complementary

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



43.2378, 42.9915, 47.6143



43.2230, 48.0030, 51.2458

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.



38.7416, 42.9915, 49.5064



43.2378, 42.9915, 47.6143



39.0116, 42.9915, 42.8948

Square

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



43.2378, 42.9915, 47.6143



41.1419, 42.9915, 40.4468



38.5751, 42.9915, 46.0157



40.5837, 42.9915, 53.8088

Rectangle

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



43.2378, 42.9915, 47.6143



42.5983, 42.9915, 42.3592



38.5751, 42.9915, 46.0157



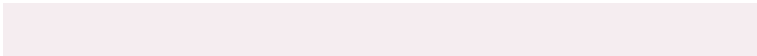
39.1738, 42.9915, 51.5631

Sweetspot

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



43.2390, 42.9934, 47.6152



83.7380, 86.5034, 94.7581



42.8779, 42.6754, 53.5549



17.8467, 18.3447, 20.1260



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.



43.2390, 42.9934, 47.6152



76.5413, 75.0196, 83.3891



43.0860, 43.6230, 44.6795



9.6655, 9.5905, 10.6273



14.8287, 7.5626, 4.3915



0.6123, 0.3088, 0.3378

Inverse Universe

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



43.2390, 42.9934, 47.6152



76.5413, 75.0196, 83.3891



43.3759, 47.2956, 54.4205



9.6655, 9.5905, 10.6273



14.8287, 7.5626, 4.3915



0.6123, 0.3088, 0.3378

Previews

White Background



This preview shows how the XYZ color 43.2378, 42.9915, 47.6143 looks on a white background.

Color Contrast Check

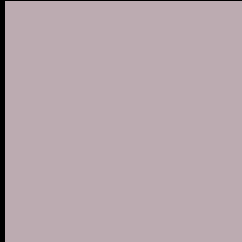
Large Text (above 18pt) WCAG AA × Fail

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 43.2378, 42.9915, 47.6143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

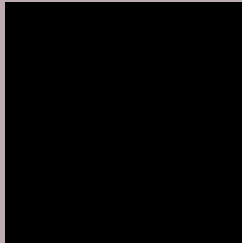
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2378, 42.9915, 47.6143

Background



This preview shows how black text looks on a background with the XYZ color 43.2378, 42.9915, 47.6143.



This preview shows how white text looks on a background with the XYZ color 43.2378, 42.9915,

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

43.2378, 42.9915, 47.6143

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.7964, 43.0001, 47.5865



Tritanopia

43.9082, 42.9872, 50.7829

Trichromacy



Original Color

43.2378, 42.9915, 47.6143

Protanomaly

42.0355, 42.9252, 48.1894

Deuteranomaly

43.5457, 42.8709, 47.5748

Tritanomaly

43.7015, 42.9045, 49.6941

Monochromacy



Original Color

43.2378, 42.9915, 47.6143

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3218, 43.6580, 47.7912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2378, 42.9915, 47.6143 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, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 177)  
}
```

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, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.2378, 42.9915, 47.6143 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, 171, 177) }
```


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

```
.border{ border-color:rgb(188, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2378, 42.9915, 47.6143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 177) }
```

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

```
.background{ background-color: rgb(188,  
171, 177) }
```

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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