

Converting Colors

XYZ(43.4033, 43.0391, 48.8651)

Have a look what the booklet for
XYZ(43.4033, 43.0391, 48.8651)
contains.

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Color

**XYZ(43.4386, 43.0719,
48.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	BCABB3
RGB	188, 171, 179
RGB Percent	74%, 67%, 70%
CMY	0.2627, 0.3294, 0.2980
CMYK	0.00, 0.09, 0.05, 0.26
HSL	332°, 11%, 70%
HSV	332°, 9%, 74%
XYZ	43.4386, 43.0719, 48.6721
YIQ	176.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

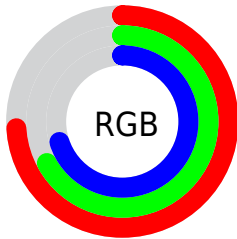
Format	Color
R _Y B	188, 171, 179
Decimal	12364723
CIE Lab	71.60, 7.54, -1.88
CIE LCh	72, 7.766, 345.983
Yxy	43.0719, 0.3213, 0.3186
Android (android.graphics.Color)	4290554803 (0xFFBCABB3)
YUV	176.9950, 0.9885, 9.6514
Hunter-Lab	65.6292, 3.2944, 1.9696

Details

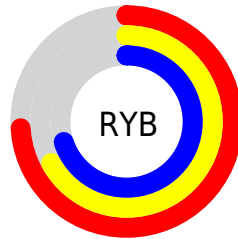
The XYZ color **43.4386, 43.0719, 48.6721** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0176, 47.9207, 50.1646**, and the grayscale version is **41.7806, 43.9564, 47.8685**.

A 20% lighter version of the original color is **79.5000, 79.6240, 89.7761**, and **20.3544, 19.8509, 22.4975** is the 20% darker color. If you saturate the color by 10%, you get **39.1665, 36.0807, 42.4590**, and if you desaturate by 10%, it is **48.2909, 51.1061, 55.4383**.

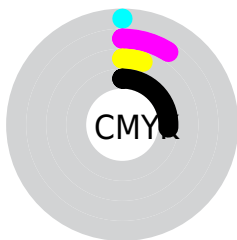
Distribution



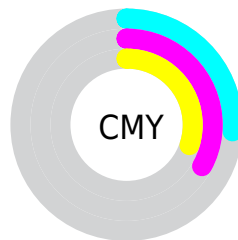
- Red (74%)
- Green (67%)
- Blue (70%)



- Red (74%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (26%)




- Cyan (26%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4386, 43.0719, 48.6721 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 43.4386, 43.0719, 48.6721 by changing the saturation by 10% instead.


 43.4386, 43.0719,
48.6721

 43.4386, 43.0719,
48.6721


351.3034,
358.9074, 398.0353

 30.4254, 29.9415,
33.9957


 79.6239, 79.8193,
89.5802

 20.3114, 19.7942,
22.6129

103.5267,
104.2052, 116.6489

 12.7312, 12.2455,
14.1054


131.7901,
133.1117, 148.6855

 7.3194, 6.9111,
8.0544

164.7795,
166.9232, 186.1085

 3.7107, 3.4066,
4.0415

202.8601,
206.0242, 229.3365

 1.5398, 1.3475,
1.6481

246.3974,

 0.3527, 0.1775,

250.7989, 278.7879

0.3248

295.7568,
301.6318, 334.8813

0.0000, 0.0000,
0.0000

43.4386, 43.0719,
48.6721

43.4386, 43.0719,
48.6721

39.1665, 36.0807,
42.4590

48.2909, 51.1061,
55.4383

35.4482, 30.0839,
36.7811

53.7413, 60.2181,
62.7693

32.2607, 25.0372,
31.6235

59.8112, 70.4482,
70.6798

29.5778, 20.8910,
26.9694

66.5199, 81.8328,
79.1832

27.3710, 17.5909,
22.8010

70.6107, 87.8560,
87.2005

■ 25.6088, 15.0767,
19.0991

■ 72.0393, 88.4275,
94.7235

■ 24.2556, 13.2802,
15.8428

■ 73.5489, 89.0313,
102.6731

■ 23.2697, 12.1212,
13.0088

■ 74.5492, 89.4315,
107.9406

■ 22.5792, 11.4588,
10.5631

Harmonies

Analogous

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



42.7821, 43.0719, 52.1067



43.4386, 43.0719, 48.6721



43.4153, 43.0719, 44.9340

Triad

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



43.4386, 43.0719, 48.6721



40.2469, 43.0719, 40.2814



39.2083, 43.0719, 52.2952

Complementary

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



43.4386, 43.0719, 48.6721



43.0176, 47.9207, 50.1646

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.



38.5579, 43.0719, 48.9183



43.4386, 43.0719, 48.6721



39.1487, 43.0719, 42.0485

Square

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



43.4386, 43.0719, 48.6721



41.5534, 43.0719, 40.2234



38.5363, 43.0719, 45.1675



40.3298, 43.0719, 54.2729

Rectangle

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



43.4386, 43.0719, 48.6721



43.0168, 43.0719, 42.7746



38.5363, 43.0719, 45.1675



38.9283, 43.0719, 51.2782

Sweetspot

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



43.4398, 43.0738, 48.6730



83.8668, 86.5549, 95.4362



42.4136, 42.4361, 53.5329



17.8815, 18.3586, 20.3092



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.



43.4398, 43.0738, 48.6730



76.9838, 75.1966, 85.7191



42.7077, 42.8666, 44.5536



9.7120, 9.6091, 10.8722



15.3693, 7.7789, 7.2382



0.6351, 0.3179, 0.4576

Inverse Universe

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



43.4398, 43.0738, 48.6730



76.9838, 75.1966, 85.7191



43.7957, 48.1352, 54.5601



9.7120, 9.6091, 10.8722



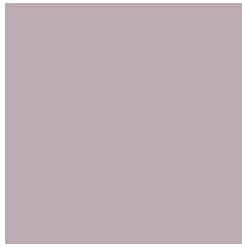
15.3693, 7.7789, 7.2382



0.6351, 0.3179, 0.4576

Previews

White Background



This preview shows how the XYZ color 43.4386, 43.0719, 48.6721 looks on a white background.

Color Contrast Check

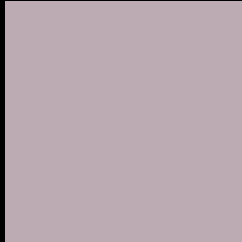
Large Text (above 18pt) WCAG AA × Fail

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 43.4386, 43.0719, 48.6721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

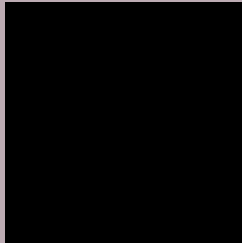
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4386, 43.0719, 48.6721

Background



This preview shows how black text looks on a background with the XYZ color 43.4386, 43.0719, 48.6721.



This preview shows how white text looks on a background with the XYZ color 43.4386, 43.0719,

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

43.4386, 43.0719, 48.6721

Protanopia

41.8019, 43.3433, 49.8789

Deuteranopia

43.9973, 43.0805, 48.6443



Tritanopia

44.0127, 43.0290, 51.3331

Trichromacy



Original Color

43.4386, 43.0719, 48.6721

Protanomaly

42.4303, 43.3911, 49.3190

Deuteranomaly

43.7466, 42.9513, 48.6326

Tritanomaly

43.8045, 42.9457, 50.2366

Monochromacy



Original Color

43.4386, 43.0719, 48.6721

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.4219, 43.6981, 48.3182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4386, 43.0719, 48.6721 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 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(188, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.4386, 43.0719, 48.6721 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, 179) }
```


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

```
.border{ border-color:rgb(188, 171, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4386, 43.0719, 48.6721 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, 179) }
```

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

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