

Converting Colors

XYZ(43.7986, 44.0229, 49.5469)

Have a look what the booklet for
XYZ(43.7986, 44.0229, 49.5469)
contains.

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Color

**XYZ(43.8678, 44.1322,
49.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAEB4
RGB	187, 174, 180
RGB Percent	73%, 68%, 71%
CMY	0.2667, 0.3176, 0.2941
CMYK	0.00, 0.07, 0.04, 0.27
HSL	332°, 9%, 71%
HSV	332°, 7%, 73%
XYZ	43.8678, 44.1322, 49.3863
YIQ	178.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

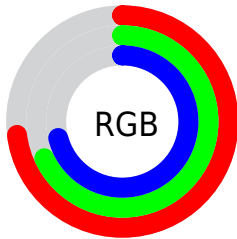
Format	Color
RYB	187, 174, 180
Decimal	12299956
CIELab	72.32, 5.73, -1.40
CIELCh	72, 5.894, 346.298
Yxy	44.1322, 0.3193, 0.3212
Android (android.graphics.Color)	4290490036 (0xFFBBAEB4)
YUV	178.5710, 0.7045, 7.3922
Hunter-Lab	66.4321, 1.6147, 2.4256

Details

The XYZ color **43.8678, 44.1322, 49.3863** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5681, 47.8767, 50.6633**, and the grayscale version is **42.6148, 44.8341, 48.8243**.

A 20% lighter version of the original color is **80.1218, 81.1494, 90.7974**, and **20.6218, 20.5197, 22.9525** is the 20% darker color. If you saturate the color by 10%, you get **39.5149, 37.0087, 43.0559**, and if you desaturate by 10%, it is **48.8008, 52.2953, 56.2790**.

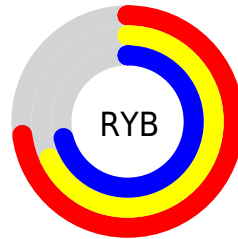
Distribution



Red (73%)

Green (68%)

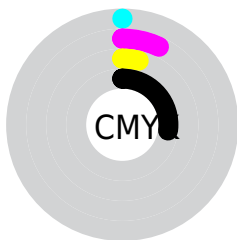
Blue (71%)



Red (73%)

Yellow (68%)

Blue (71%)

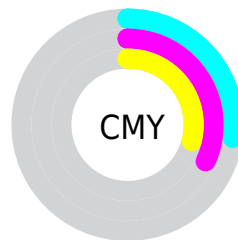


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8678, 44.1322, 49.3863 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 43.8678, 44.1322, 49.3863 by changing the saturation by 10% instead.

■ 43.8678, 44.1322,
49.3863

■ 43.8678, 44.1322,
49.3863

353.0299,
363.2475, 400.9272

■ 30.7641, 30.7745,
34.5583

■ 80.2664, 81.4166,
90.6518

■ 20.5702, 20.4272,
23.0420

104.2919,
106.1121, 117.9264

■ 12.9209, 12.7059,
14.4189

132.6887,
135.3556, 150.1869

■ 7.4507, 7.2264,
8.2705

165.8222,
169.5316, 187.8519

■ 3.7943, 3.6041,
4.1783

204.0577,
209.0243, 231.3399

■ 1.5865, 1.4546,
1.7237

247.7606,

■ 0.3836, 0.2565,

254.2183, 281.0694

0.3769

297.2962,
305.4979, 337.4590

■ 0.0000, 0.0000,
0.0000

■ 43.8678, 44.1322,
49.3863

■ 43.8678, 44.1322,
49.3863

■ 39.5149, 37.0087,
43.0559

■ 48.8008, 52.2953,
56.2790

■ 35.7160, 30.8770,
37.2699

■ 54.3310, 61.5317,
63.7456

■ 32.4487, 25.6944,
32.0131

■ 60.4797, 71.8809,
71.8011

■ 29.6876, 21.4124,
27.2688

■ 67.2657, 83.3784,
80.4589

■ 27.4048, 17.9785,
23.0192

■ 70.5874, 87.8184,
88.3586

■ 25.5699, 15.3345,
19.2451

■ 72.0462, 88.4019,
96.0409

■ 24.1487, 13.4151,
15.9258

■ 73.5882, 89.0187,
104.1609

■ 23.1014, 12.1440,
13.0381

■ 74.3038, 89.3049,
107.9291

■ 22.3738, 11.4160,
10.5539

Harmonies

Analogous

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



43.3707, 44.1322, 52.0116



43.8678, 44.1322, 49.3863



43.8443, 44.1322, 46.5035

Triad

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



43.8678, 44.1322, 49.3863



41.4019, 44.1322, 42.8934



40.6146, 44.1322, 52.2003

Complementary

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



43.8678, 44.1322, 49.3863



43.5681, 47.8767, 50.6633

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.



40.1040, 44.1322, 49.6354



43.8678, 44.1322, 49.3863



40.5535, 44.1322, 44.2995

Square

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



43.8678, 44.1322, 49.3863



42.4095, 44.1322, 42.8328



40.0818, 44.1322, 46.7429



41.4865, 44.1322, 53.6799

Rectangle

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



43.8678, 44.1322, 49.3863



43.5362, 44.1322, 44.8244



40.0818, 44.1322, 46.7429



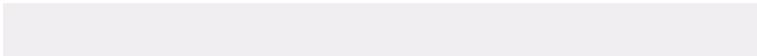
40.3956, 44.1322, 51.4319

Sweetspot

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



43.8691, 44.1341, 49.3873



82.7802, 85.9946, 94.3940



43.1477, 43.6778, 53.1709



18.2497, 18.9707, 20.8152



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.



43.8691, 44.1341, 49.3873



77.5956, 77.4429, 87.0623



43.3550, 44.0626, 46.2666



9.7083, 9.6076, 10.8532



15.3211, 7.7596, 6.9846



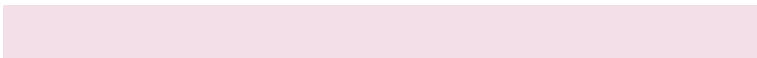
0.6332, 0.3172, 0.4476

Inverse Universe

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



43.8691, 44.1341, 49.3873



77.5956, 77.4429, 87.0623



44.1051, 47.9447, 53.9440



9.7083, 9.6076, 10.8532



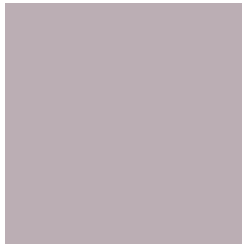
15.3211, 7.7596, 6.9846



0.6332, 0.3172, 0.4476

Previews

White Background



This preview shows how the XYZ color 43.8678, 44.1322, 49.3863 looks on a white background.

Color Contrast Check

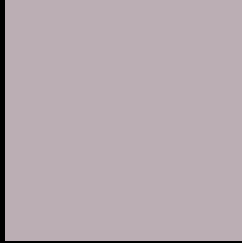
Large Text (above 18pt) WCAG AA × Fail

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 43.8678, 44.1322, 49.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

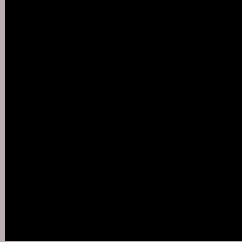
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8678, 44.1322, 49.3863

Background



This preview shows how black text looks on a background with the XYZ color 43.8678, 44.1322, 49.3863.



This preview shows how white text looks on a background with the XYZ color 43.8678, 44.1322,

49.3863.

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

43.8678, 44.1322, 49.3863

Protanopia

42.4562, 43.9706, 49.9655

Deuteranopia

44.9831, 44.1378, 49.3286



Tritanopia

44.6522, 44.1664, 53.1852

Trichromacy



Original Color

43.8678, 44.1322, 49.3863

Protanomaly

42.9619, 43.9412, 49.9332

Deuteranomaly

44.6676, 44.2588, 49.3686

Tritanomaly

44.3343, 44.0392, 51.5111

Monochromacy



Original Color

43.8678, 44.1322, 49.3863

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.1502, 44.6440, 48.9907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8678, 44.1322, 49.3863 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(187, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 180)  
}
```

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(187, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.8678, 44.1322, 49.3863 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(187, 174, 180) }
```


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

```
.border{ border-color:rgb(187, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8678, 44.1322, 49.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 180) }
```

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

```
.background{ background-color: rgb(187,  
174, 180) }
```

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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