

Converting Colors

XYZ(43.9679, 44.0045, 47.8675)

Have a look what the booklet for
XYZ(43.9679, 44.0045, 47.8675)
contains.

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Color

**XYZ(43.8656, 43.8803,
47.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	BDADB1
RGB	189, 173, 177
RGB Percent	74%, 68%, 69%
CMY	0.2588, 0.3216, 0.3059
CMYK	0.00, 0.08, 0.06, 0.26
HSL	345°, 11%, 71%
HSV	345°, 8%, 74%
XYZ	43.8656, 43.8803, 47.7527
YIQ	178.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

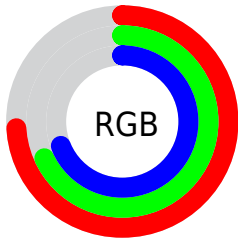
Format	Color
RYB	189, 173, 177
Decimal	12430769
CIELab	72.15, 6.45, 0.03
CIELCh	72, 6.445, 0.240
Yxy	43.8803, 0.3237, 0.3238
Android (android.graphics.Color)	4290620849 (0xFFBDADB1)
YUV	178.2400, -0.6113, 9.4365
Hunter-Lab	66.2422, 2.2789, 3.6286

Details

The XYZ color **43.8656, 43.8803, 47.7527** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.1898, 48.7832, 52.9884**, and the grayscale version is **42.4451, 44.6555, 48.6299**.

A 20% lighter version of the original color is **80.1076, 80.7825, 88.4612**, and **20.6288, 20.3642, 21.9122** is the 20% darker color. If you saturate the color by 10%, you get **39.1543, 36.6027, 39.5686**, and if you desaturate by 10%, it is **49.2389, 52.2459, 56.8830**.

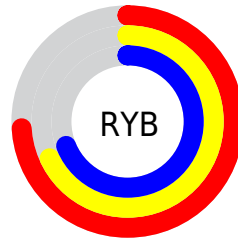
Distribution



Red (74%)

Green (68%)

Blue (69%)



Red (74%)

Yellow (68%)

Blue (69%)

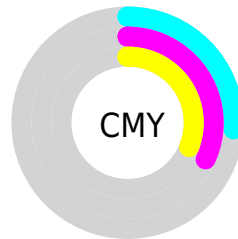


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8656, 43.8803, 47.7527 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 43.8656, 43.8803, 47.7527 by changing the saturation by 10% instead.


 43.8656, 43.8803,
47.7527

 43.8656, 43.8803,
47.7527


353.0210,
362.2196, 394.2914

 30.7623, 30.5764,
33.2725


 80.2631, 81.0376,
88.1978

 20.5689, 20.2765,
22.0624

104.2880,
105.6598, 114.9998

 12.9199, 12.5962,
13.7040


132.6841,
134.8236, 146.7461

 7.4500, 7.1511,
7.7787

165.8169,
168.9133, 183.8552

 3.7939, 3.5568,
3.8679

204.0516,
208.3133, 226.7458

 1.5862, 1.4289,
1.5532

247.7536,

 0.3834, 0.2378,

253.4082, 275.8364

0.2571

297.2883,
304.5821, 331.5454

■ 0.0000, 0.0000,
0.0000

■ 43.8656, 43.8803,
47.7527

■ 43.8656, 43.8803,
47.7527

■ 39.1543, 36.6027,
39.5686

■ 49.2389, 52.2459,
56.8830

■ 35.0755, 30.3626,
32.2972

■ 55.2949, 61.7356,
66.9858

■ 31.6027, 25.1143,
25.9072

■ 62.0580, 72.3912,
78.0901

■ 28.7063, 20.8063,
20.3643

■ 69.5503, 84.2504,
90.2226

■ 26.3541, 17.3825,
15.6320

■ 73.6729, 89.1095,
102.0357

■ 24.5105, 14.7808,
11.6709

■ 74.7964, 89.5589,
107.9521

■ 23.1355, 12.9309,
8.4382

■ 22.1830, 11.7506,
5.8864

■ 21.5808, 11.1071,
3.9564

Harmonies

Analogous

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



43.5768, 43.8803, 50.8594



43.8656, 43.8803, 47.7527



43.5676, 43.8803, 44.7817

Triad

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



43.8656, 43.8803, 47.7527



40.6471, 43.8803, 42.7167



40.6622, 43.8803, 53.2518

Complementary

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



43.8656, 43.8803, 47.7527



44.1898, 48.7832, 52.9884

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.



39.9000, 43.8803, 50.9054



43.8656, 43.8803, 47.7527



39.8913, 43.8803, 44.8240

Square

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



43.8656, 43.8803, 47.7527



41.6980, 43.8803, 41.9537



39.6202, 43.8803, 47.8037



41.7158, 43.8803, 54.1183

Rectangle

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



43.8656, 43.8803, 47.7527



43.0792, 43.8803, 43.2560



39.6202, 43.8803, 47.8037



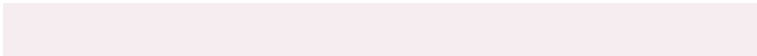
40.3641, 43.8803, 52.6051

Sweetspot

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



43.8668, 43.8822, 47.7536



83.6258, 86.4585, 94.1674



44.1379, 43.8776, 54.2874



17.8164, 18.3325, 19.9665



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.



43.8668, 43.8822, 47.7536



77.0511, 76.2460, 82.9215



44.2526, 45.2820, 45.9455



9.6253, 9.5744, 10.4160



14.4948, 7.4291, 2.6331



0.5950, 0.3019, 0.2464

Inverse Universe

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



43.8668, 43.8822, 47.7536



77.0511, 76.2460, 82.9215



43.7693, 47.2576, 54.9593



9.6253, 9.5744, 10.4160



14.4948, 7.4291, 2.6331



0.5950, 0.3019, 0.2464

Previews

White Background



This preview shows how the XYZ color 43.8656, 43.8803, 47.7527 looks on a white background.

Color Contrast Check

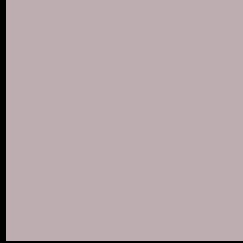
Large Text (above 18pt) WCAG AA × Fail

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 43.8656, 43.8803, 47.7527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

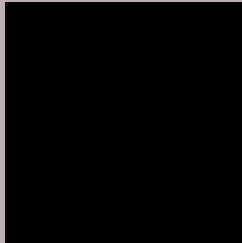
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8656, 43.8803, 47.7527

Background



This preview shows how black text looks on a background with the XYZ color 43.8656, 43.8803, 47.7527.



This preview shows how white text looks on a background with the XYZ color 43.8656, 43.8803,

47.7527.

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

43.8656, 43.8803, 47.7527

Protanopia

42.2524, 43.8890, 48.8923

Deuteranopia

44.7469, 43.7695, 47.6849



Tritanopia

44.7447, 43.9550, 52.0248

Trichromacy



Original Color

43.8656, 43.8803, 47.7527

Protanomaly

42.8943, 43.9416, 48.3403

Deuteranomaly

44.4266, 43.8858, 47.7243

Tritanomaly

44.4312, 43.8296, 50.3741

Monochromacy



Original Color

43.8656, 43.8803, 47.7527

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.8526, 44.2101, 48.3943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8656, 43.8803, 47.7527 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(189, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 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(189, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.8656, 43.8803, 47.7527 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(189, 173, 177) }
```


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

```
.border{ border-color:rgb(189, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8656, 43.8803, 47.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 177) }
```

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

```
.background{ background-color: rgb(189,  
173, 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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