

Converting Colors

XYZ(43.2673, 43.2226, 49.7686)

Have a look what the booklet for
XYZ(43.2673, 43.2226, 49.7686)
contains.

XYZ(43.3427, 43.2803, 49.7856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3427, 43.2803,
49.7856)**

Conversions

Conversions Part 1

Format	Color
Hex	BAACB5
RGB	186, 172, 181
RGB Percent	73%, 67%, 71%
CMY	0.2706, 0.3255, 0.2902
CMYK	0.00, 0.08, 0.03, 0.27
HSL	321°, 9%, 70%
HSV	321°, 8%, 73%
XYZ	43.3427, 43.2803, 49.7856
YIQ	177.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

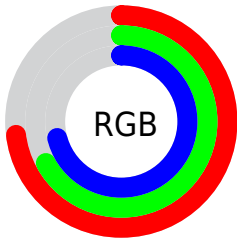
Format	Color
R _Y B	186, 172, 181
Decimal	12233909
CIE Lab	71.74, 6.64, -2.80
CIE LCh	72, 7.208, 337.181
Yxy	43.2803, 0.3177, 0.3173
Android (android.graphics.Color)	4290423989 (0xFFBAACB5)
YUV	177.2120, 1.8675, 7.7071
Hunter-Lab	65.7878, 2.4719, 1.1831

Details

The XYZ color **43.3427, 43.2803, 49.7856** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5096, 47.0639, 48.4410**, and the grayscale version is **41.8908, 44.0724, 47.9949**.

A 20% lighter version of the original color is **79.3731, 79.9298, 91.3654**, and **20.2856, 19.9780, 23.2090** is the 20% darker color. If you saturate the color by 10%, you get **39.3823, 36.4242, 45.1819**, and if you desaturate by 10%, it is **47.8336, 51.1441, 54.7276**.

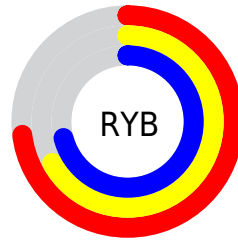
Distribution



Red (73%)

Green (67%)

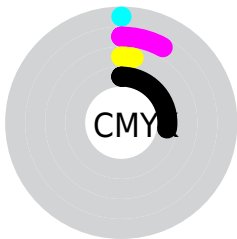
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

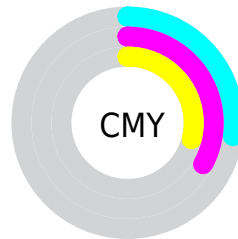


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3427, 43.2803, 49.7856 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 43.3427, 43.2803, 49.7856 by changing the saturation by 10% instead.

■ 43.3427, 43.2803,
49.7856

■ 43.3427, 43.2803,
49.7856

350.9169,
359.7632, 402.5379

■ 30.3498, 30.1051,
34.8731

■ 79.4802, 80.1337,
91.2502

■ 20.2536, 19.9184,
23.2824

103.3556,
104.5806, 118.6393

■ 12.6889, 12.3357,
14.5949

131.5891,
133.5537, 151.0244

■ 7.2902, 6.9728,
8.3921

164.5462,
167.4371, 188.8239

■ 3.6922, 3.4451,
4.2555

202.5921,
206.6154, 232.4565

■ 1.5295, 1.3683,
1.7665

246.0923,

■ 0.3458, 0.1932,

251.4729, 282.3407

0.4057

295.4121,
302.3941, 338.8950

0.0000, 0.0000,
0.0000

43.3427, 43.2803,
49.7856

43.3427, 43.2803,
49.7856

39.3823, 36.4242,
45.1819

47.8336, 51.1441,
54.7276

35.9278, 30.5290,
40.9046

52.8709, 60.0487,
60.0138

32.9580, 25.5527,
36.9448

58.4745, 70.0326,
65.6535

30.4488, 21.4479,
33.2923

64.6624, 81.1306,
71.6547

28.3741, 18.1629,
29.9359

68.1761, 86.8257,
76.9334

■ 26.7049, 15.6405,
26.8635

■ 69.0434, 87.1726,
81.5009

■ 25.4084, 13.8162,
24.0618

■ 69.9458, 87.5336,
86.2529

■ 24.4466, 12.6146,
21.5155

■ 70.8837, 87.9087,
91.1915

■ 23.7636, 11.9246,
19.2034

■ 71.8573, 88.2982,
96.3187

Harmonies

Analogous

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



42.5744, 43.2803, 52.6975



43.3427, 43.2803, 49.7856



43.5144, 43.2803, 46.2879

Triad

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



43.3427, 43.2803, 49.7856



40.8433, 43.2803, 40.7531



39.2912, 43.2803, 51.3137

Complementary

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



43.3427, 43.2803, 49.7856



42.5096, 47.0639, 48.4410

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.



38.8471, 43.2803, 47.9719



43.3427, 43.2803, 49.7856



39.7316, 43.2803, 41.9597

Square

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



43.3427, 43.2803, 49.7856



42.0555, 43.2803, 41.1852



39.0067, 43.2803, 44.5607



40.2313, 43.2803, 53.6099

Rectangle

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



43.3427, 43.2803, 49.7856



43.2644, 43.2803, 44.1146



39.0067, 43.2803, 44.5607



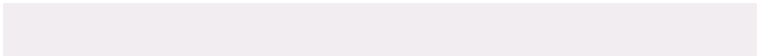
39.0798, 43.2803, 50.2691

Sweetspot

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



43.3439, 43.2822, 49.7865



82.9109, 86.0469, 95.0819



41.7258, 42.3877, 52.4375



18.2770, 18.9816, 20.9591



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.



43.3439, 43.2822, 49.7865



77.3324, 76.3102, 88.8436



42.6534, 43.0060, 46.1504



9.2410, 9.1068, 10.6167



15.9229, 7.9429, 12.7465



0.5897, 0.2914, 0.5987

Inverse Universe

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



43.3439, 43.2822, 49.7865



77.3324, 76.3102, 88.8436



43.2148, 47.3460, 52.1544



9.2410, 9.1068, 10.6167



15.9229, 7.9429, 12.7465



0.5897, 0.2914, 0.5987

Previews

White Background



This preview shows how the XYZ color 43.3427, 43.2803, 49.7856 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 43.3427, 43.2803, 49.7856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

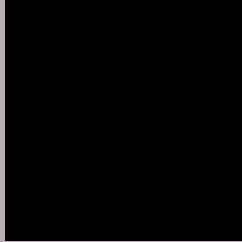
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3427, 43.2803, 49.7856

Background



This preview shows how black text looks on a background with the XYZ color 43.3427, 43.2803, 49.7856.



This preview shows how white text looks on a background with the XYZ color 43.3427, 43.2803,

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

43.3427, 43.2803, 49.7856

Protanopia

42.0087, 43.4260, 50.9677

Deuteranopia

43.9504, 43.0328, 49.7058



Tritanopia

43.8134, 43.1934, 51.9269

Trichromacy



Original Color

43.3427, 43.2803, 49.7856

Protanomaly

42.4019, 43.3528, 50.3891

Deuteranomaly

43.8897, 43.2808, 49.7569

Tritanomaly

43.7082, 43.1513, 51.3728

Monochromacy



Original Color

43.3427, 43.2803, 49.7856

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1882, 43.5776, 48.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3427, 43.2803, 49.7856 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(186, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 181)  
}
```

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(186, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.3427, 43.2803, 49.7856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

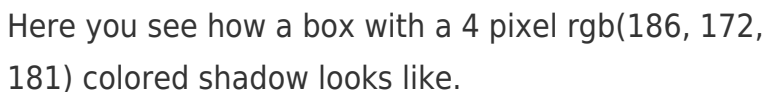
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 172, 181) }
```


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

```
.border{ border-color:rgb(186, 172, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 172, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 172, 181); box-shadow:4px 4px 4px 4px rgb(186, 172, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3427, 43.2803, 49.7856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 181) }
```

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

```
.background{ background-color: rgb(186,  
172, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor