

Converting Colors

XYZ(42.3183, 42.8467, 41.2428)

Have a look what the booklet for
XYZ(42.3183, 42.8467, 41.2428)
contains.

XYZ(42.4396, 43.0042, 41.1858)	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(42.4396, 43.0042,
41.1858)**

Conversions

Conversions Part 1

Format	Color
Hex	BDACA4
RGB	189, 172, 164
RGB Percent	74%, 67%, 64%
CMY	0.2588, 0.3255, 0.3569
CMYK	0.00, 0.09, 0.13, 0.26
HSL	19°, 16%, 69%
HSV	19°, 13%, 74%
XYZ	42.4396, 43.0042, 41.1858
YIQ	176.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

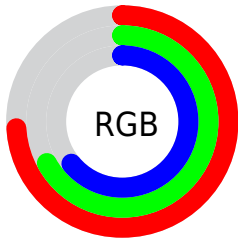
Format	Color
RYB	189, 176, 164
Decimal	12430500
CIELab	71.56, 4.76, 6.32
CIELCh	72, 7.911, 53.029
Yxy	43.0042, 0.3351, 0.3396
Android (android.graphics.Color)	4290620580 (0xFFBDACA4)
YUV	176.1710, -6.0003, 11.2510
Hunter-Lab	65.5776, 0.7584, 8.6674

Details

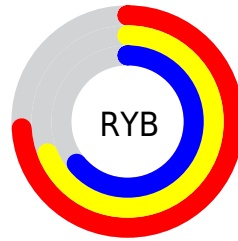
The XYZ color **42.4396, 43.0042, 41.1858** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0188, 44.6134, 54.5938**, and the grayscale version is **41.3827, 43.5378, 47.4127**.

A 20% lighter version of the original color is **77.9115, 79.4651, 78.2498**, and **19.7944, 19.8370, 18.1149** is the 20% darker color. If you saturate the color by 10%, you get **38.5299, 37.7161, 32.0782**, and if you desaturate by 10%, it is **46.8418, 48.8705, 51.7101**.

Distribution



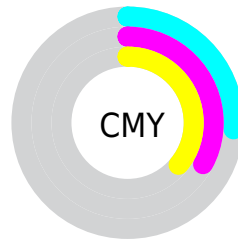
- Red (74%)
- Green (67%)
- Blue (64%)



- Red (74%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (26%)





- Cyan (26%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4396, 43.0042, 41.1858 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 42.4396, 43.0042, 41.1858 by changing the saturation by 10% instead.


 42.4396, 43.0042,
41.1858


 42.4396, 43.0042,
41.1858


347.2627,
358.6290, 366.7962

 29.6383, 29.8884,
28.1435


 78.1255, 79.7172,
78.2226

 19.7109, 19.7539,
18.1939


 101.7408,
104.0832, 103.0542

 12.2921, 12.2163,
10.9184


129.6915,
132.9681, 132.6526

 7.0166, 6.8912,
5.8985

162.3428,
166.7562, 167.4364

 3.5189, 3.3941,
2.7157

200.0603,
205.8319, 207.8241

 1.4337, 1.3408,
0.9513

243.2092,

 0.2801, 0.1725,

250.5797, 254.2343

0.0000

292.1549,
301.3840, 307.0855

■ 0.0000, 0.0000,
0.0000

■ 42.4396, 43.0042,
41.1858

■ 42.4396, 43.0042,
41.1858

■ 38.5299, 37.7161,
32.0782

■ 46.8418, 48.8705,
51.7101

■ 35.0914, 32.9827,
24.3236

■ 51.7499, 55.3264,
63.7055

■ 32.1063, 28.7872,
17.8574

■ 57.1811, 62.3900,
77.2270

■ 29.5543, 25.1097,
12.6088

■ 63.1506, 70.0769,
92.3259

■ 27.4133, 21.9290,
8.5000

■ 69.1042, 78.1745,
106.0548

■ 25.6592, 19.2224,
5.4439

■ 72.9431, 85.8524,
107.3344

■ 24.2649, 16.9651,
3.3410

■ 74.7964, 89.5589,
107.9521

■ 23.1989, 15.1296,
2.0717

■ 22.6290, 14.1040,
1.5297

Harmonies

Analogous

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



43.2856, 43.0042, 44.0031



42.4396, 43.0042, 41.1858



41.1869, 43.0042, 39.8909

Triad

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



42.4396, 43.0042, 41.1858



38.3756, 43.0042, 45.9365



41.8880, 43.0042, 53.9309

Complementary

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



42.4396, 43.0042, 41.1858



41.0188, 44.6134, 54.5938

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.



40.5631, 43.0042, 54.5178



42.4396, 43.0042, 41.1858



38.5540, 43.0042, 49.7635

Square

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



42.4396, 43.0042, 41.1858



38.8548, 43.0042, 42.5352



39.3478, 43.0042, 52.9552



42.9624, 43.0042, 51.3924

Rectangle

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



42.4396, 43.0042, 41.1858



40.2975, 43.0042, 40.0124



39.3478, 43.0042, 52.9552



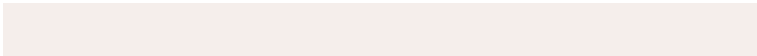
41.4564, 43.0042, 54.3684

Sweetspot

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



42.4408, 43.0061, 41.1867



83.1991, 86.6074, 90.9352



42.6112, 40.7099, 49.3733



17.7582, 18.4476, 19.2333



90.7827, 95.5105, 104.0109



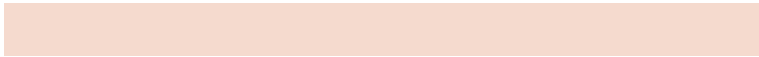
18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.4408, 43.0061, 41.1867



73.7982, 74.0467, 68.5613



44.9147, 47.9539, 42.0113



9.7728, 10.0216, 9.9959



15.2873, 9.6134, 1.0498



0.6594, 0.4978, 0.0613

Inverse Universe

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



41.0188, 44.6134, 54.5938



70.7325, 77.5096, 97.4591



38.6063, 39.7884, 53.7896



9.5440, 10.2804, 12.1535



11.4886, 13.0889, 34.3138



0.5067, 0.6260, 1.3630

Previews

White Background



This preview shows how the XYZ color 42.4396, 43.0042, 41.1858 looks on a white background.

Color Contrast Check

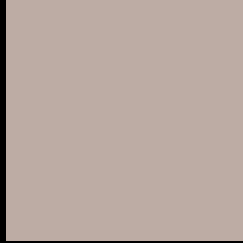
Large Text (above 18pt) WCAG AA × Fail

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 42.4396, 43.0042, 41.1858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

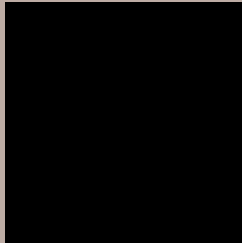
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4396, 43.0042, 41.1858

Background



This preview shows how black text looks on a background with the XYZ color 42.4396, 43.0042, 41.1858.



This preview shows how white text looks on a background with the XYZ color 42.4396, 43.0042,

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

42.4396, 43.0042, 41.1858

Protanopia

41.1776, 43.2003, 41.7655

Deuteranopia

43.7444, 42.8283, 41.5584



Tritanopia

44.1173, 42.8297, 50.1977

Trichromacy



Original Color

42.4396, 43.0042, 41.1858

Protanomaly

41.6947, 43.1791, 41.7342

Deuteranomaly

43.1586, 42.8035, 41.5845

Tritanomaly

43.3478, 42.7917, 46.5324

Monochromacy



Original Color

42.4396, 43.0042, 41.1858

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8324, 43.4623, 45.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4396, 43.0042, 41.1858 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, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 164)  
}
```

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, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.4396, 43.0042, 41.1858 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, 172, 164) }
```


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

```
.border{ border-color:rgb(189, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4396, 43.0042, 41.1858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 164) }
```

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

```
.background{ background-color: rgb(189,  
172, 164) }
```

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