

Converting Colors

XYZ(42.9712, 43.6385, 43.5601)

Have a look what the booklet for
XYZ(42.9712, 43.6385, 43.5601)
contains.

XYZ(42.8440, 43.4431, 43.6633)	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(42.8440, 43.4431,
43.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	BCADA9
RGB	188, 173, 169
RGB Percent	74%, 68%, 66%
CMY	0.2627, 0.3216, 0.3373
CMYK	0.00, 0.08, 0.10, 0.26
HSL	13°, 12%, 70%
HSV	13°, 10%, 74%
XYZ	42.8440, 43.4431, 43.6633
YIQ	177.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

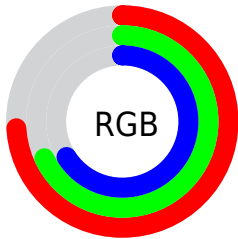
Format	Color
RYB	188, 174, 169
Decimal	12365225
CIELab	71.85, 4.69, 3.99
CIELCh	72, 6.155, 40.388
Yxy	43.4431, 0.3297, 0.3343
Android (android.graphics.Color)	4290555305 (0xFFBCADA9)
YUV	177.0290, -3.9583, 9.6216
Hunter-Lab	65.9114, 0.6844, 6.8610

Details

The XYZ color **42.8440, 43.4431, 43.6633** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5795, 46.3458, 54.2787**, and the grayscale version is **41.8226, 44.0006, 47.9166**.

A 20% lighter version of the original color is **78.5062, 80.1017, 81.8445**, and **20.0399, 20.1100, 19.6550** is the 20% darker color. If you saturate the color by 10%, you get **38.5157, 37.4104, 34.1301**, and if you desaturate by 10%, it is **47.7446, 50.2132, 54.6404**.

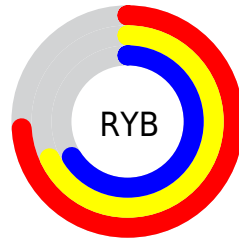
Distribution



Red (74%)

Green (68%)

Blue (66%)



Red (74%)

Yellow (68%)

Blue (66%)

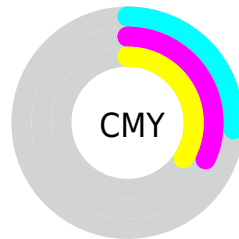


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8440, 43.4431, 43.6633 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 42.8440, 43.4431, 43.6633 by changing the saturation by 10% instead.

■ 42.8440, 43.4431,
43.6633

■ 42.8440, 43.4431,
43.6633

348.9022,
360.4309, 377.3336

■ 29.9567, 30.2329,
30.0706

■ 78.7326, 80.3791,
82.0079

■ 19.9537, 20.0155,
19.6397

102.4646,
104.8737, 107.5970

■ 12.4694, 12.4063,
11.9519

130.5422,
133.8986, 138.0219

■ 7.1387, 7.0210,
6.5888

163.3308,
167.8381, 173.7012

■ 3.5961, 3.4752,
3.1318

201.1958,
207.0767, 215.0535

■ 1.4763, 1.3846,
1.1623

244.5024,

■ 0.3096, 0.2053,

251.9988, 262.4973

0.0000

293.6161,
302.9887, 316.4512

■ 0.0000, 0.0000,
0.0000

■ 42.8440, 43.4431,
43.6633

■ 42.8440, 43.4431,
43.6633

■ 38.5157, 37.4104,
34.1301

■ 47.7446, 50.2132,
54.6404

■ 34.7349, 32.0845,
25.9777

■ 53.2338, 57.7387,
67.1152

■ 31.4805, 27.4410,
19.1427

■ 59.3318, 66.0440,
81.1422

■ 28.7286, 23.4520,
13.5554

■ 66.0566, 75.1508,
96.7724

■ 26.4533, 20.0876,
9.1398

■ 72.1103, 84.5537,
107.1276

■ 24.6262, 17.3155,
5.8115

■ 74.5492, 89.4314,
107.9406

■ 23.2159, 15.1004,
3.4745

■ 22.1864, 13.4031,
2.0161

■ 21.4851, 12.1832,
1.2192

Harmonies

Analogous

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



43.3036, 43.4431, 46.2700



42.8440, 43.4431, 43.6633



41.9709, 43.4431, 42.0756

Triad

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



42.8440, 43.4431, 43.6633



39.4236, 43.4431, 45.3930



41.6555, 43.4431, 53.2037

Complementary

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



42.8440, 43.4431, 43.6633



42.5795, 46.3458, 54.2787

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.



40.6192, 43.4431, 52.9445



42.8440, 43.4431, 43.6633



39.3424, 43.4431, 48.3496

Square

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



42.8440, 43.4431, 43.6633



40.0004, 43.4431, 43.0446



39.7767, 43.4431, 51.1378



42.6098, 43.4431, 51.8315

Rectangle

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



42.8440, 43.4431, 43.6633



41.2777, 43.4431, 41.7671



39.7767, 43.4431, 51.1378



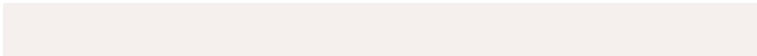
41.3050, 43.4431, 53.3058

Sweetspot

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



42.8452, 43.4450, 43.6642



83.8068, 87.2527, 92.8949



43.6002, 42.5369, 51.3703



17.8651, 18.5465, 19.6236



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.



42.8452, 43.4450, 43.6642



75.9257, 76.3424, 75.3099



44.6903, 47.1353, 44.2793



9.6887, 9.8535, 9.9679



14.6729, 8.3845, 0.8450



0.6231, 0.4251, 0.0492

Inverse Universe

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



42.5795, 46.3458, 54.2787



75.3523, 82.5965, 98.1974



40.7114, 42.6097, 53.6561



9.6333, 10.4589, 12.1832



13.4866, 17.0850, 34.9798



0.5719, 0.7564, 1.3847

Previews

White Background



This preview shows how the XYZ color 42.8440, 43.4431, 43.6633 looks on a white background.

Color Contrast Check

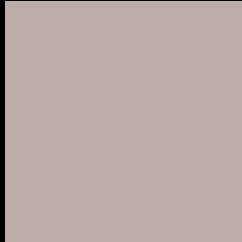
Large Text (above 18pt) WCAG AA × Fail

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 42.8440, 43.4431, 43.6633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

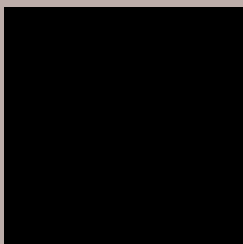
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

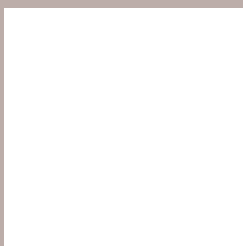
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8440, 43.4431, 43.6633

Background



This preview shows how black text looks on a background with the XYZ color 42.8440, 43.4431, 43.6633.



This preview shows how white text looks on a background with the XYZ color 42.8440, 43.4431,

43.6633.

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

42.8440, 43.4431, 43.6633

Protanopia

41.6417, 43.3860, 44.2098

Deuteranopia

44.3954, 43.3875, 44.0649



Tritanopia

44.4498, 43.5337, 51.4075

Trichromacy



Original Color

42.8440, 43.4431, 43.6633

Protanomaly

42.1589, 43.3647, 44.1784

Deuteranomaly

43.8109, 43.3656, 44.0915

Tritanomaly

43.8755, 43.5785, 48.7468

Monochromacy



Original Color

42.8440, 43.4431, 43.6633

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2214, 43.9304, 46.2985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8440, 43.4431, 43.6633 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, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 169)  
}
```

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, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.8440, 43.4431, 43.6633 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, 173, 169) }
```


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

```
.border{ border-color:rgb(188, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8440, 43.4431, 43.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 173, 169) }
```

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

```
.background{ background-color: rgb(188,  
173, 169) }
```

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