

Converting Colors

XYZ(42.8429, 44.3169, 43.3417)

Have a look what the booklet for
XYZ(42.8429, 44.3169, 43.3417)
contains.

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Color

**XYZ(42.8429, 44.3169,
43.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB0A8
RGB	186, 176, 168
RGB Percent	73%, 69%, 66%
CMY	0.2706, 0.3098, 0.3412
CMYK	0.00, 0.05, 0.10, 0.27
HSL	27°, 12%, 69%
HSV	27°, 10%, 73%
XYZ	42.8429, 44.3169, 43.3417
YIQ	178.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

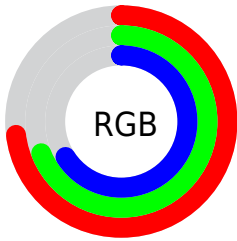
Format	Color
RYB	186, 182, 168
Decimal	12234920
CIELab	72.44, 2.16, 5.36
CIElCh	72, 5.780, 68.026
Yxy	44.3169, 0.3283, 0.3396
Android (android.graphics.Color)	4290425000 (0xFFBAB0A8)
YUV	178.0780, -4.9685, 6.9476
Hunter-Lab	66.5709, -1.6223, 7.9983

Details

The XYZ color **42.8429, 44.3169, 43.3417** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9316, 43.7100, 52.7344**, and the grayscale version is **42.3815, 44.5886, 48.5570**.

A 20% lighter version of the original color is **78.7938, 81.9182, 81.4709**, and **20.0329, 20.6628, 19.4555** is the 20% darker color. If you saturate the color by 10%, you get **39.2840, 39.7763, 34.2091**, and if you desaturate by 10%, it is **46.8063, 49.2689, 53.8331**.

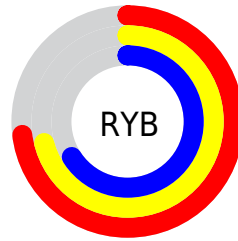
Distribution



Red (73%)

Green (69%)

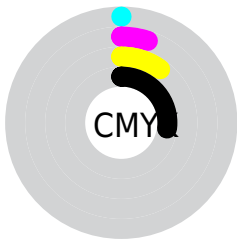
Blue (66%)



Red (73%)

Yellow (71%)

Blue (66%)

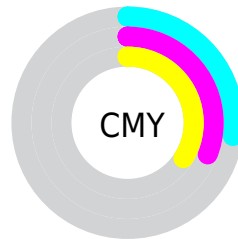


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8429, 44.3169, 43.3417 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 42.8429, 44.3169, 43.3417 by changing the saturation by 10% instead.

■ 42.8429, 44.3169,
43.3417

■ 42.8429, 44.3169,
43.3417

348.8978,
363.9999, 375.9775

■ 29.9559, 30.9197,
29.8199

■ 78.7309, 81.6944,
81.5181

■ 19.9530, 20.5377,
19.4511

102.4626,
106.4435, 107.0099

■ 12.4689, 12.7865,
11.8165

130.5399,
135.7453, 137.3287

■ 7.1384, 7.2817,
6.4979

163.3282,
169.9844, 172.8931

■ 3.5959, 3.6389,
3.0765

201.1927,
209.5449, 214.1216

■ 1.4762, 1.4737,
1.1338

244.4989,

■ 0.3095, 0.2701,

254.8114, 261.4328

0.0000

293.6122,
306.1683, 315.2453

■ 0.0000, 0.0000,
0.0000

■ 42.8429, 44.3169,
43.3417

■ 42.8429, 44.3169,
43.3417

■ 39.2840, 39.7763,
34.2091

■ 46.8063, 49.2689,
53.8331

■ 36.1120, 35.6302,
26.3761

■ 51.1838, 54.6369,
65.7334

■ 33.3134, 31.8689,
19.7835

■ 55.9889, 60.4330,
79.0937

■ 30.8725, 28.4805,
14.3661

■ 61.2337, 66.6670,
93.9616

■ 28.7722, 25.4518,
10.0530

■ 65.9481, 72.9556,
105.2137

■ 26.9938, 22.7691,
6.7651

■ 68.8696, 78.7986,
106.1876

■ 25.5163, 20.4174,
4.4130

■ 71.9637, 84.9868,
107.2189

■ 24.3157, 18.3800,
2.8912

■ 74.0599, 89.1792,
107.9177

■ 23.3492, 16.6326,
1.9970

Harmonies

Analogous

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



43.6493, 44.3169, 44.9516



42.8429, 44.3169, 43.3417



41.8549, 44.3169, 43.0214

Triad

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



42.8429, 44.3169, 43.3417



40.2530, 44.3169, 49.0238



43.3132, 44.3169, 52.7064

Complementary

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



42.8429, 44.3169, 43.3417



40.9316, 43.7100, 52.7344

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.



42.3900, 44.3169, 53.8936



42.8429, 44.3169, 43.3417



40.6305, 44.3169, 51.7134

Square

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



42.8429, 44.3169, 43.3417



40.3699, 44.3169, 46.2293



41.4090, 44.3169, 53.5232



43.9238, 44.3169, 50.3361

Rectangle

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



42.8429, 44.3169, 43.3417



41.2280, 44.3169, 43.5700



41.4090, 44.3169, 53.5232



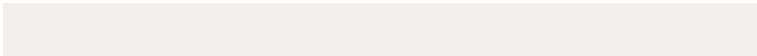
43.0286, 44.3169, 53.2613

Sweetspot

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



42.8441, 44.3188, 43.3426



82.3335, 86.1924, 90.8814



42.3089, 41.6674, 48.0381



18.0016, 18.8194, 19.6691



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.



42.8441, 44.3188, 43.3426



75.9620, 78.1849, 74.1582



44.6252, 47.8811, 43.9364



9.3245, 9.6519, 9.4785



15.7615, 11.2994, 1.3503



0.6175, 0.5221, 0.0682

Inverse Universe

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



40.9316, 43.7100, 52.7344



71.6666, 76.8172, 95.2514



39.2372, 40.3210, 52.1696



8.9235, 9.5243, 11.4475



9.3215, 9.1026, 32.5188



0.3893, 0.4423, 1.1666

Previews

White Background



This preview shows how the XYZ color 42.8429, 44.3169, 43.3417 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 42.8429, 44.3169, 43.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

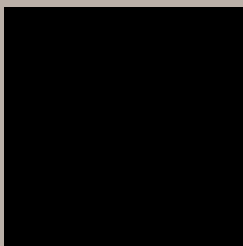
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

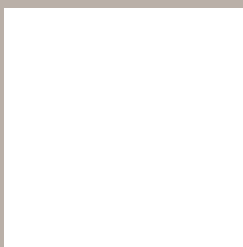
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8429, 44.3169, 43.3417

Background



This preview shows how black text looks on a background with the XYZ color 42.8429, 44.3169, 43.3417.

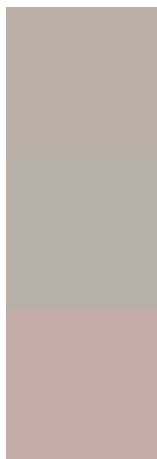


This preview shows how white text looks on a background with the XYZ color 42.8429, 44.3169,

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

42.8429, 44.3169, 43.3417

Protanopia

42.4120, 44.3761, 43.8662

Deuteranopia

45.2027, 44.3754, 43.7190



Tritanopia

44.8995, 44.2938, 53.1968

Trichromacy



Original Color

42.8429, 44.3169, 43.3417

Protanomaly

42.6507, 44.4992, 43.8774

Deuteranomaly

44.3531, 44.2210, 43.7340

Tritanomaly

44.1133, 44.2588, 49.3978

Monochromacy



Original Color

42.8429, 44.3169, 43.3417

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4182, 44.3240, 46.3641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8429, 44.3169, 43.3417 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, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(186, 176, 168)  
}
```

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, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 176, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.8429, 44.3169, 43.3417 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, 176, 168) }
```


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

```
.border{ border-color:rgb(186, 176, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(186, 176,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8429, 44.3169, 43.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 176, 168) }
```

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

```
.background{ background-color: rgb(186,  
176, 168) }
```

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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