

Converting Colors

XYZ(42.6267, 43.3619, 42.6470)

Have a look what the booklet for
XYZ(42.6267, 43.3619, 42.6470)
contains.

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Color

**XYZ(42.6577, 43.3685,
42.6819)**

Conversions

Conversions Part 1

Format	Color
Hex	BCADA7
RGB	188, 173, 167
RGB Percent	74%, 68%, 65%
CMY	0.2627, 0.3216, 0.3451
CMYK	0.00, 0.08, 0.11, 0.26
HSL	17°, 14%, 70%
HSV	17°, 11%, 74%
XYZ	42.6577, 43.3685, 42.6819
YIQ	176.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

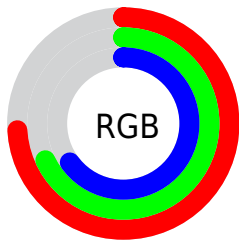
Format	Color
RYB	188, 175, 167
Decimal	12365223
CIELab	71.80, 4.35, 5.01
CIELCh	72, 6.638, 49.071
Yxy	43.3685, 0.3314, 0.3370
Android (android.graphics.Color)	4290555303 (0xFFBCADA7)
YUV	176.8010, -4.8319, 9.8215
Hunter-Lab	65.8548, 0.3783, 7.6712

Details

The XYZ color **42.6577, 43.3685, 42.6819** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7414, 45.3016, 54.1216**, and the grayscale version is **41.7071, 43.8791, 47.7843**.

A 20% lighter version of the original color is **78.2364, 79.9938, 80.4241**, and **19.9236, 20.0634, 19.0422** is the 20% darker color. If you saturate the color by 10%, you get **38.5984, 37.8318, 33.3685**, and if you desaturate by 10%, it is **47.2308, 49.5276, 53.4142**.

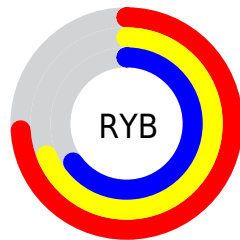
Distribution



Red (74%)

Green (68%)

Blue (65%)



Red (74%)

Yellow (69%)

Blue (65%)

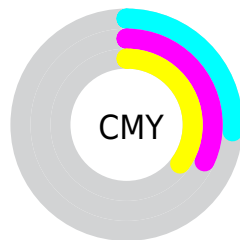


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6577, 43.3685, 42.6819 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 42.6577, 43.3685, 42.6819 by changing the saturation by 10% instead.


 42.6577, 43.3685,
42.6819


 42.6577, 43.3685,
42.6819


348.1476,
360.1250, 373.1847

 29.8100, 30.1744,
29.3061


 78.4530, 80.2666,
80.5118

 19.8418, 19.9710,
19.0649


 102.1313,
104.7394, 105.8030

 12.3877, 12.3739,
11.5399


130.1505,
133.7406, 135.9030

 7.0823, 6.9989,
6.3125

162.8760,
167.6544, 171.2304

 3.5604, 3.4614,
2.9642

200.6731,
206.8654, 212.2037

 1.4566, 1.3771,
1.0764

243.9071,

 0.2960, 0.1998,

251.7579, 259.2415

0.0000

292.9435,
302.7163, 312.7623

■ 0.0000, 0.0000,
0.0000

■ 42.6577, 43.3685,
42.6819

■ 42.6577, 43.3685,
42.6819

■ 38.5984, 37.8318,
33.3685

■ 47.2308, 49.5276,
53.4142

■ 35.0309, 32.8921,
25.4114

■ 52.3316, 56.3220,
65.6188

■ 31.9368, 28.5308,
18.7477

■ 57.9780, 63.7713,
79.3496

■ 29.2951, 24.7262,
13.3083

■ 64.1858, 71.8928,
94.6571

■ 27.0831, 21.4550,
9.0173

■ 69.9887, 80.3103,
106.4204

■ 25.2761, 18.6922,
5.7905

■ 74.0914, 88.5157,
107.7880

■ 23.8464, 16.4106,
3.5322

■ 74.5493, 89.4315,
107.9406

■ 22.7622, 14.5803,
2.1287

■ 22.0465, 13.3060,
1.4063

Harmonies

Analogous

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



43.3044, 43.3685, 45.2204



42.6577, 43.3685, 42.6819



41.6330, 43.3685, 41.3810

Triad

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



42.6577, 43.3685, 42.6819



39.1274, 43.3685, 46.0530



41.9331, 43.3685, 53.3380

Complementary

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



42.6577, 43.3685, 42.6819



41.7414, 45.3016, 54.1216

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.



40.8106, 43.3685, 53.5859



42.6577, 43.3685, 42.6819



39.2045, 43.3685, 49.2796

Square

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



42.6577, 43.3685, 42.6819



39.6035, 43.3685, 43.2675



39.8159, 43.3685, 52.0709



42.8808, 43.3685, 51.4081

Rectangle

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



42.6577, 43.3685, 42.6819



40.8795, 43.3685, 41.3490



39.8159, 43.3685, 52.0709



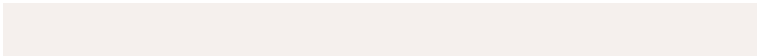
41.5633, 43.3685, 53.6240

Sweetspot

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



42.6589, 43.3704, 42.6828



83.9686, 87.5764, 92.9488



43.0071, 41.7089, 50.0676



17.9088, 18.6338, 19.6382



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.



42.6589, 43.3704, 42.6828



75.7344, 76.4609, 73.7016



44.7412, 47.5350, 43.3769



9.7464, 9.9687, 9.9871



15.0661, 9.1710, 0.9761



0.6480, 0.4750, 0.0575

Inverse Universe

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



41.7414, 45.3016, 54.1216



73.7944, 80.5427, 97.8831



39.6811, 41.1810, 53.4349



9.5719, 10.3361, 12.1628



12.0747, 14.2611, 34.5092



0.5262, 0.6650, 1.3695

Previews

White Background



This preview shows how the XYZ color 42.6577, 43.3685, 42.6819 looks on a white background.

Color Contrast Check

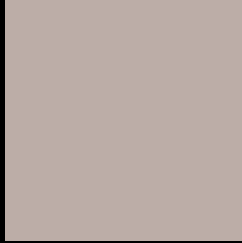
Large Text (above 18pt) WCAG AA × Fail

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 42.6577, 43.3685, 42.6819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

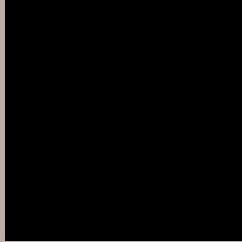
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6577, 43.3685, 42.6819

Background



This preview shows how black text looks on a background with the XYZ color 42.6577, 43.3685, 42.6819.



This preview shows how white text looks on a background with the XYZ color 42.6577, 43.3685,

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

42.6577, 43.3685, 42.6819

Protanopia

41.4539, 43.3109, 43.2208

Deuteranopia

44.2076, 43.3124, 43.0759



Tritanopia

44.2617, 43.1573, 51.3447

Trichromacy



Original Color

42.6577, 43.3685, 42.6819

Protanomaly

41.9711, 43.2896, 43.1894

Deuteranomaly

43.6231, 43.2904, 43.1025

Tritanomaly

43.5851, 43.1590, 48.1528

Monochromacy



Original Color

42.6577, 43.3685, 42.6819

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1242, 43.8916, 45.7869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6577, 43.3685, 42.6819 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.6577, 43.3685, 42.6819 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, 167) }
```


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

```
.border{ border-color:rgb(188, 173, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 167);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6577, 43.3685, 42.6819 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, 167) }
```

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

```
.background{ background-color: rgb(188,  
173, 167) }
```

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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