

Converting Colors

XYZ(41.9238, 42.1875, 42.5927)

Have a look what the booklet for
XYZ(41.9238, 42.1875, 42.5927)
contains.

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Color

**XYZ(41.8433, 42.1043,
42.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAAA7
RGB	187, 170, 167
RGB Percent	73%, 67%, 65%
CMY	0.2667, 0.3333, 0.3451
CMYK	0.00, 0.09, 0.11, 0.27
HSL	9°, 13%, 69%
HSV	9°, 11%, 73%
XYZ	41.8433, 42.1043, 42.4808
YIQ	174.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

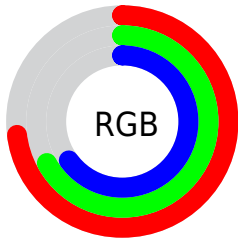
Format	Color
RYB	187, 171, 167
Decimal	12298919
CIELab	70.94, 5.61, 3.76
CIElCh	71, 6.754, 33.826
Yxy	42.1043, 0.3310, 0.3330
Android (android.graphics.Color)	4290488999 (0xFFBBAAA7)
YUV	174.7410, -3.8163, 10.7511
Hunter-Lab	64.8878, 1.5531, 6.6055

Details

The XYZ color **41.8433, 42.1043, 42.4808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0463, 46.0834, 53.6930**, and the grayscale version is **40.6298, 42.7457, 46.5500**.

A 20% lighter version of the original color is **77.0722, 78.1790, 80.1352**, and **19.4045, 19.2630, 18.9151** is the 20% darker color. If you saturate the color by 10%, you get **37.4371, 35.8610, 33.0909**, and if you desaturate by 10%, it is **46.8620, 49.1716, 53.3093**.

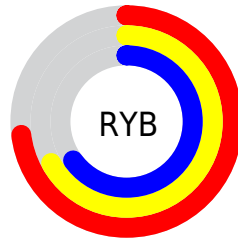
Distribution



Red (73%)

Green (67%)

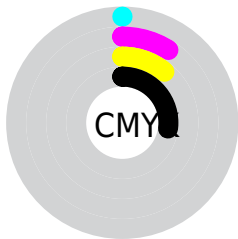
Blue (65%)



Red (73%)

Yellow (67%)

Blue (65%)

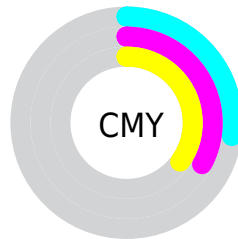


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8433, 42.1043, 42.4808 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 41.8433, 42.1043, 42.4808 by changing the saturation by 10% instead.

■ 41.8433, 42.1043,
42.4808

■ 41.8433, 42.1043,
42.4808

344.8356,
354.9151, 372.3305

■ 29.1692, 29.1830,
29.1496

■ 77.2291, 78.3575,
80.2047

■ 19.3538, 19.2193,
18.9475

■ 100.6714,
102.4581, 105.4345

■ 12.0317, 11.8288,
11.4559

128.4339,
131.0539, 135.4675

■ 6.8376, 6.6272,
6.2563

160.8819,
164.5293, 170.7223

■ 3.4062, 3.2301,
2.9303

198.3807,
203.2688, 211.6175

■ 1.3720, 1.2530,
1.0591

241.2957,

■ 0.2362, 0.1044,

247.6566, 258.5716

0.0000

289.9922,
298.0773, 312.0030

■ 0.0000, 0.0000,
0.0000

■ 41.8433, 42.1043,
42.4808

■ 41.8433, 42.1043,
42.4808

■ 37.4371, 35.8610,
33.0909

■ 46.8620, 49.1716,
53.3093

■ 33.6165, 30.4064,
25.0762

■ 52.5119, 57.0856,
65.6305

■ 30.3575, 25.7105,
18.3730

■ 58.8152, 65.8751,
79.4991

■ 27.6335, 21.7396,
12.9111

■ 65.7920, 75.5660,
94.9663

■ 25.4153, 18.4573,
8.6138

■ 72.5629, 85.8233,
107.3488

■ 23.6712, 15.8241,
5.3962

■ 74.3037, 89.3049,
107.9291

■ 22.3654, 13.7964,
3.1613

■ 21.4572, 12.3249,
1.7949

■ 20.9109, 11.3993,
1.0982

Harmonies

Analogous

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



42.2167, 42.1043, 45.4322



41.8433, 42.1043, 42.4808



40.9808, 42.1043, 40.5052

Triad

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



41.8433, 42.1043, 42.4808



38.1083, 42.1043, 43.1652



40.1634, 42.1043, 52.3092

Complementary

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



41.8433, 42.1043, 42.4808



42.0463, 46.0834, 53.6930

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.



39.0721, 42.1043, 51.6334



41.8433, 42.1043, 42.4808



37.8987, 42.1043, 46.2592

Square

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



41.8433, 42.1043, 42.4808



38.8265, 42.1043, 40.8871



38.2483, 42.1043, 49.3811



41.2354, 42.1043, 51.1871

Rectangle

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



41.8433, 42.1043, 42.4808



40.2520, 42.1043, 39.9557



38.2483, 42.1043, 49.3811



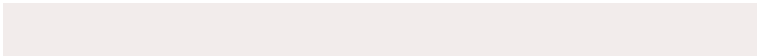
39.7866, 42.1043, 52.2850

Sweetspot

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



41.8445, 42.1062, 42.4817



81.7134, 84.9521, 90.6746



42.9645, 41.6635, 51.1252



17.8301, 18.4764, 19.6120



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.



41.8445, 42.1062, 42.4817



72.8559, 72.4617, 71.6153



43.7903, 45.9979, 43.1303



9.6427, 9.7615, 9.9526



14.4416, 7.9219, 0.7679



0.6030, 0.3849, 0.0425

Inverse Universe

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



42.0463, 46.0834, 53.6930



73.2943, 81.1093, 95.9940



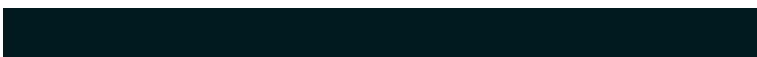
40.0426, 42.0760, 53.0251



9.6832, 10.5587, 12.1999



14.7548, 19.6213, 35.4025



0.6116, 0.8358, 1.3980

Previews

White Background



This preview shows how the XYZ color 41.8433, 42.1043, 42.4808 looks on a white background.

Color Contrast Check

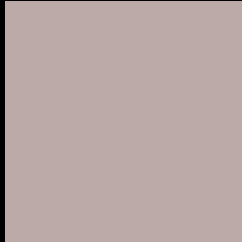
Large Text (above 18pt) WCAG AA × Fail

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 41.8433, 42.1043, 42.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

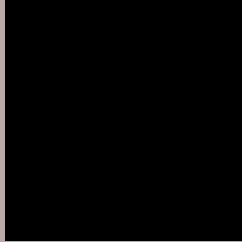
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8433, 42.1043, 42.4808

Background



This preview shows how black text looks on a background with the XYZ color 41.8433, 42.1043, 42.4808.



This preview shows how white text looks on a background with the XYZ color 41.8433, 42.1043,

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

41.8433, 42.1043, 42.4808

Protanopia

40.4651, 42.2167, 43.5520

Deuteranopia

42.9700, 42.1327, 42.4269



Tritanopia

43.3294, 42.1603, 49.5701

Trichromacy



Original Color

41.8433, 42.1043, 42.4808

Protanomaly

40.8765, 42.1560, 43.0283

Deuteranomaly

42.6489, 42.2423, 42.4650

Tritanomaly

42.7635, 42.2019, 46.9662

Monochromacy



Original Color

41.8433, 42.1043, 42.4808

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9804, 42.4494, 45.0634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8433, 42.1043, 42.4808 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(187, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 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(187, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 167) }
```

Border

The CSS property to change the border of an element to XYZ 41.8433, 42.1043, 42.4808 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(187, 170, 167) }
```


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

```
.border{ border-color:rgb(187, 170, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8433, 42.1043, 42.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 167) }
```

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

```
.background{ background-color: rgb(187,  
170, 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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