

Converting Colors

XYZ(41.7653, 42.4352, 43.7150)

Have a look what the booklet for
XYZ(41.7653, 42.4352, 43.7150)
contains.

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Color

**XYZ(41.7319, 42.3047,
43.5022)**

Conversions

Conversions Part 1

Format	Color
Hex	B9ABA9
RGB	185, 171, 169
RGB Percent	73%, 67%, 66%
CMY	0.2745, 0.3294, 0.3373
CMYK	0.00, 0.08, 0.09, 0.27
HSL	8°, 10%, 69%
HSV	8°, 9%, 73%
XYZ	41.7319, 42.3047, 43.5022
YIQ	174.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

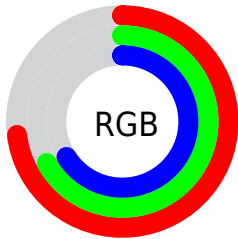
Format	Color
RYB	185, 171, 169
Decimal	12168105
CIELab	71.08, 4.68, 2.84
CIELCh	71, 5.471, 31.212
Yxy	42.3047, 0.3272, 0.3317
Android (android.graphics.Color)	4290358185 (0xFFB9ABA9)
YUV	174.9580, -2.9373, 8.8068
Hunter-Lab	65.0421, 0.7045, 5.8744

Details

The XYZ color **41.7319, 42.3047, 43.5022** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0524, 45.8038, 52.5240**, and the grayscale version is **40.7383, 42.8598, 46.6744**.

A 20% lighter version of the original color is **76.9265, 78.4753, 81.6138**, and **19.3234, 19.3835, 19.5526** is the 20% darker color. If you saturate the color by 10%, you get **37.2448, 35.9157, 34.0356**, and if you desaturate by 10%, it is **46.8414, 49.5443, 54.3897**.

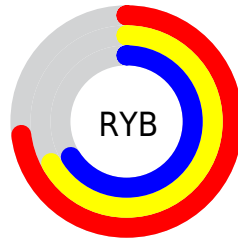
Distribution



Red (73%)

Green (67%)

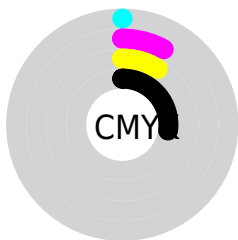
Blue (66%)



Red (73%)

Yellow (67%)

Blue (66%)

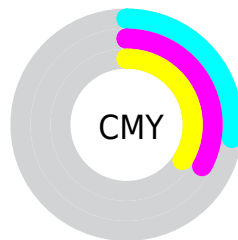


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7319, 42.3047, 43.5022 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 41.7319, 42.3047, 43.5022 by changing the saturation by 10% instead.

■ 41.7319, 42.3047,
43.5022

■ 41.7319, 42.3047,
43.5022

344.3809,
355.7445, 376.6547

■ 29.0816, 29.3400,
29.9450

■ 77.0614, 78.6606,
81.7626

■ 19.2872, 19.3381,
19.5452

100.4714,
102.8205, 107.3030

■ 11.9832, 11.9149,
11.8841

128.1986,
131.4809, 137.6748

■ 6.8044, 6.6857,
6.5432

160.6084,
165.0262, 173.2966

■ 3.3853, 3.2663,
3.1040

198.0662,
203.8409, 214.5869

■ 1.3606, 1.2723,
1.1480

240.9373,

■ 0.2279, 0.1196,

248.3092, 261.9644

0.0000

289.5871,
298.8156, 315.8475

■ 0.0000, 0.0000,
0.0000

■ 41.7319, 42.3047,
43.5022

■ 41.7319, 42.3047,
43.5022

■ 37.2448, 35.9157,
34.0356

■ 46.8414, 49.5443,
54.3897

■ 33.3529, 30.3408,
25.9286

■ 52.5923, 57.6583,
66.7506

■ 30.0321, 25.5488,
19.1196

■ 59.0070, 66.6766,
80.6379

■ 27.2553, 21.5045,
13.5410

■ 66.1059, 76.6261,
96.1013

■ 24.9933, 18.1702,
9.1190

■ 72.8437, 87.1063,
107.5817

■ 23.2138, 15.5046,
5.7723

■ 73.8178, 89.0544,
107.9063

■ 21.8813, 13.4622,
3.4084

■ 20.9547, 11.9918,
1.9197

■ 20.3767, 11.0303,
1.1269

Harmonies

Analogous

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



41.9929, 42.3047, 45.9562



41.7319, 42.3047, 43.5022



41.0620, 42.3047, 41.7890

Triad

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



41.7319, 42.3047, 43.5022



38.6880, 42.3047, 43.6800



40.2466, 42.3047, 51.2825

Complementary

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



41.7319, 42.3047, 43.5022



42.0524, 45.8038, 52.5240

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.



39.3686, 42.3047, 50.6181



41.7319, 42.3047, 43.5022



38.4770, 42.3047, 46.1692

Square

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



41.7319, 42.3047, 43.5022



39.3051, 42.3047, 41.8889



38.7243, 42.3047, 48.7216



41.1274, 42.3047, 50.5048

Rectangle

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



41.7319, 42.3047, 43.5022



40.4786, 42.3047, 41.2634



38.7243, 42.3047, 48.7216



39.9413, 42.3047, 51.2203

Sweetspot

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



41.7331, 42.3066, 43.5031



79.7263, 82.8379, 88.5108



42.7572, 42.1152, 50.7485



17.0285, 17.6331, 18.7426



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.7331, 42.3066, 43.5031



73.4547, 73.9398, 75.1832



43.2629, 45.3661, 44.0130



9.0928, 9.1886, 9.4012



13.8644, 7.5052, 0.7179



0.5184, 0.3238, 0.0352

Inverse Universe

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



42.0524, 45.8038, 52.5240



74.1198, 81.2252, 93.9761



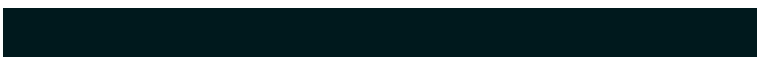
40.4756, 42.6502, 51.9984



9.1681, 10.0135, 11.5290



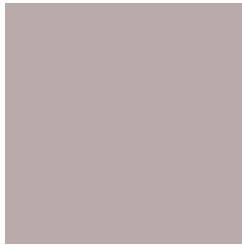
14.7770, 20.0138, 34.3373



0.5480, 0.7597, 1.2195

Previews

White Background



This preview shows how the XYZ color 41.7319, 42.3047, 43.5022 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 41.7319, 42.3047, 43.5022 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 41.7319, 42.3047, 43.5022

Background



This preview shows how black text looks on a background with the XYZ color 41.7319, 42.3047, 43.5022.



This preview shows how white text looks on a background with the XYZ color 41.7319, 42.3047,

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

41.7319, 42.3047, 43.5022

Protanopia

40.5594, 42.2544, 44.0484

Deuteranopia

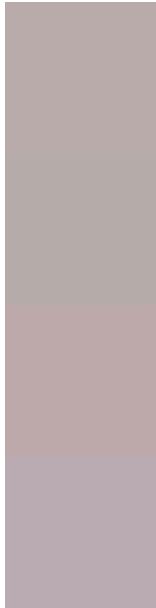
42.9966, 42.1140, 43.8929



Tritanopia

43.1250, 42.3181, 50.1513

Trichromacy



Original Color

41.7319, 42.3047, 43.5022

Protanomaly

41.0643, 42.2311, 44.0173

Deuteranomaly

42.4299, 42.0970, 43.9195

Tritanomaly

42.5602, 42.3629, 47.5287

Monochromacy



Original Color

41.7319, 42.3047, 43.5022

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2693, 42.8729, 45.6353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7319, 42.3047, 43.5022 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(185, 171, 169) looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 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(185, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.7319, 42.3047, 43.5022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

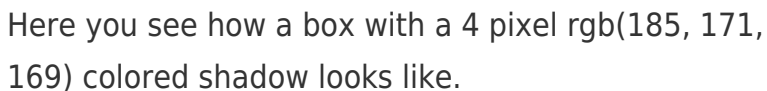
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 171, 169) }
```


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

```
.border{ border-color:rgb(185, 171, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 171, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 171, 169); box-shadow:4px 4px 4px 4px rgb(185, 171, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7319, 42.3047, 43.5022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 169) }
```

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

```
.background{ background-color: rgb(185,  
171, 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](#).

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