

Converting Colors

XYZ(42.4495, 41.5261, 44.5118)

Have a look what the booklet for
XYZ(42.4495, 41.5261, 44.5118)
contains.

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Color

**XYZ(42.4046, 41.5249,
44.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA7AB
RGB	190, 167, 171
RGB Percent	75%, 65%, 67%
CMY	0.2549, 0.3451, 0.3294
CMYK	0.00, 0.12, 0.10, 0.25
HSL	350°, 15%, 70%
HSV	350°, 12%, 75%
XYZ	42.4046, 41.5249, 44.3082
YIQ	174.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

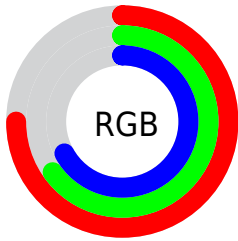
Format	Color
RYB	190, 167, 171
Decimal	12494763
CIELab	70.54, 9.03, 1.00
CIELCh	71, 9.086, 6.335
Yxy	41.5249, 0.3307, 0.3238
Android (android.graphics.Color)	4290684843 (0xFFBEA7AB)
YUV	174.3330, -1.6432, 13.7400
Hunter-Lab	64.4398, 4.6922, 4.3406

Details

The XYZ color **42.4046, 41.5249, 44.3082** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2144, 48.5886, 53.5577**, and the grayscale version is **40.4080, 42.5124, 46.2960**.

A 20% lighter version of the original color is **77.8548, 77.3264, 82.7736**, and **19.6139, 18.8276, 20.0531** is the 20% darker color. If you saturate the color by 10%, you get **37.7679, 34.5053, 35.8135**, and if you desaturate by 10%, it is **47.7328, 49.6421, 53.9112**.

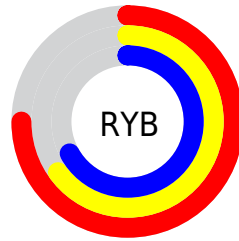
Distribution



Red (75%)

Green (65%)

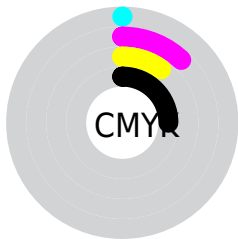
Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

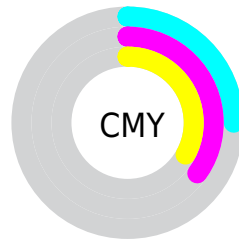


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4046, 41.5249, 44.3082 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 42.4046, 41.5249, 44.3082 by changing the saturation by 10% instead.


 42.4046, 41.5249,
44.3082


 42.4046, 41.5249,
44.3082


347.1206,
352.5097, 380.0426

 29.6107, 28.7295,
30.5739


 78.0729, 77.4801,
82.9887

 19.6899, 18.8763,
20.0189


 101.6781,
101.4086, 108.7720

 12.2768, 11.5809,
12.2245

129.6178,
129.8169, 139.4088

 7.0060, 6.4590,
6.7724

162.2572,
163.0895, 175.3174

 3.5122, 3.1261,
3.2439

199.9619,
201.6106, 216.9166

 1.4301, 1.1979,
1.2205

243.0971,

 0.2775, 0.0600,

245.7648, 264.6249

0.0000

292.0282,
295.9363, 318.8607

■ 0.0000, 0.0000,
0.0000

■ 42.4046, 41.5249,
44.3082

■ 42.4046, 41.5249,
44.3082

■ 37.7679, 34.5053,
35.8135

■ 47.7328, 49.6421,
53.9112

■ 33.7908, 28.5308,
28.3845

■ 53.7757, 58.8953,
64.6578

■ 30.4440, 23.5530,
21.9795

■ 60.5598, 69.3282,
76.5850

■ 27.6947, 19.5173,
16.5532

■ 68.1091, 80.9801,
89.7275

■ 25.5072, 16.3642,
12.0569

■ 74.1711, 89.3375,
103.3598

■ 23.8416, 14.0270,
8.4374

■ 75.0454, 89.6872,
107.9638

■ 22.6529, 12.4297,
5.6363

■ 21.8880, 11.4817,
3.5874

■ 21.5102, 11.0572,
2.4408

Harmonies

Analogous

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



42.1691, 41.5249, 48.6106



42.4046, 41.5249, 44.3082



41.8374, 41.5249, 40.4940

Triad

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



42.4046, 41.5249, 44.3082



37.7839, 41.5249, 38.8808



38.3218, 41.5249, 53.2086

Complementary

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



42.4046, 41.5249, 44.3082



43.2144, 48.5886, 53.5577

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.



37.1902, 41.5249, 50.2863



42.4046, 41.5249, 44.3082



36.8851, 41.5249, 41.9786

Square

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



42.4046, 41.5249, 44.3082



39.1508, 41.5249, 37.4910



36.6705, 41.5249, 46.1312



39.7873, 41.5249, 53.9298

Rectangle

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



42.4046, 41.5249, 44.3082



41.0886, 41.5249, 38.6815



36.6705, 41.5249, 46.1312



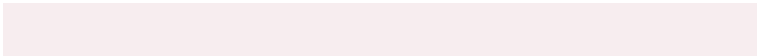
37.8909, 41.5249, 52.4425

Sweetspot

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



42.4058, 41.5267, 44.3091



84.5036, 86.9130, 94.1194



43.3114, 41.7691, 54.4951



18.3889, 18.8301, 20.3674



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.4058, 41.5267, 44.3091



74.0739, 71.0473, 75.2475



43.4024, 44.1205, 42.7901



9.5960, 9.5627, 10.2617



14.3236, 7.3606, 1.7318



0.5822, 0.2968, 0.1793

Inverse Universe

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



42.4058, 41.5267, 44.3091



74.0739, 71.0473, 75.2475



42.1072, 45.6848, 55.3144



9.5960, 9.5627, 10.2617



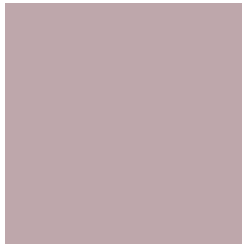
14.3236, 7.3606, 1.7318



0.5822, 0.2968, 0.1793

Previews

White Background



This preview shows how the XYZ color 42.4046, 41.5249, 44.3082 looks on a white background.

Color Contrast Check

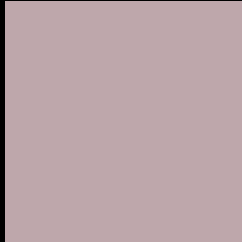
Large Text (above 18pt) WCAG AA × Fail

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 42.4046, 41.5249, 44.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

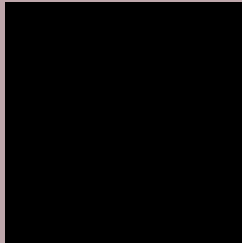
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4046, 41.5249, 44.3082

Background



This preview shows how black text looks on a background with the XYZ color 42.4046, 41.5249, 44.3082.



This preview shows how white text looks on a background with the XYZ color 42.4046, 41.5249,

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

42.4046, 41.5249, 44.3082

Protanopia

40.0717, 41.6750, 45.9765

Deuteranopia

42.4046, 41.5249, 44.3082



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

42.4046, 41.5249, 44.3082

Protanomaly

40.7399, 41.4699, 45.3924

Deuteranomaly

42.4046, 41.5249, 44.3082

Tritanomaly

42.9585, 41.4834, 46.8172

Monochromacy



Original Color

42.4046, 41.5249, 44.3082

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9281, 41.8462, 45.4552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4046, 41.5249, 44.3082 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(190, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 171)  
}
```

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(190, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 42.4046, 41.5249, 44.3082 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(190, 167, 171) }
```


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

```
.border{ border-color:rgb(190, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4046, 41.5249, 44.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 171) }
```

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

```
.background{ background-color: rgb(190,  
167, 171) }
```

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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