

# Converting Colors

XYZ(43.3471, 44.1948, 42.7156)

Have a look what the booklet for  
XYZ(43.3471, 44.1948, 42.7156)  
contains.

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# Color

**XYZ(43.5402, 44.3971,  
42.8339)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BEAFA7
RGB	190, 175, 167
RGB Percent	75%, 69%, 65%
CMY	0.2549, 0.3137, 0.3451
CMYK	0.00, 0.08, 0.12, 0.25
HSL	21°, 15%, 70%
HSV	21°, 12%, 75%
XYZ	43.5402, 44.3971, 42.8339
YIQ	178.5730, 11.5080, 0.6920

# Conversions

## Conversions Part 2

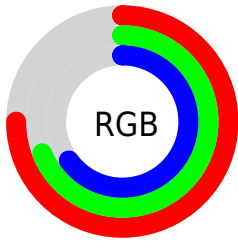
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 179, 167
Decimal	12496807
CIELab	72.49, 4.00, 6.03
CIELCh	72, 7.236, 56.426
Yxy	44.3971, 0.3329, 0.3395
Android (android.graphics.Color)	4290686887 (0xFFBEAFA7)
YUV	178.5730, -5.7055, 10.0215
Hunter-Lab	66.6311, 0.0365, 8.5272

# Details

The XYZ color **43.5402, 44.3971, 42.8339** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9584, 45.3882, 55.2649**, and the grayscale version is **42.6467, 44.8676, 48.8608**.

A 20% lighter version of the original color is **79.7668, 82.0186, 80.7343**, and **20.4940, 20.7221, 19.1393** is the 20% darker color. If you saturate the color by 10%, you get **39.6099, 39.1437, 33.4853**, and if you desaturate by 10%, it is **47.9523, 50.2001, 53.6174**.

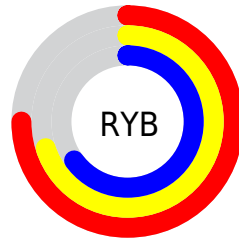
# Distribution



Red (75%)

Green (69%)

Blue (65%)



Red (75%)

Yellow (70%)

Blue (65%)

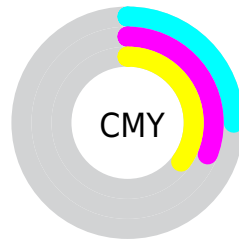


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (25%)



Cyan (25%)

Magenta (31%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5402, 44.3971, 42.8339 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 43.5402, 44.3971, 42.8339 by changing the saturation by 10% instead.




 43.5402, 44.3971,  
42.8339


 43.5402, 44.3971,  
42.8339


351.7126,  
364.3263, 373.8294

 30.5055, 30.9828,  
29.4244


 79.7761, 81.8149,  
80.7438

 20.3726, 20.5858,  
19.1538


 103.7080,  
106.5873, 106.0813

 12.7760, 12.8215,  
11.6035


132.0030,  
135.9145, 136.2318

 7.3504, 7.3058,  
6.3551

165.0265,  
170.1808, 171.6140

 3.7305, 3.6541,  
2.9899

203.1439,  
209.7708, 212.6462

 1.5508, 1.4820,  
1.0895

246.7205,

 0.3600, 0.2760,

255.0688, 259.7472

0.0000

296.1216,  
306.4591, 313.3354

■ 0.0000, 0.0000,  
0.0000

■ 43.5402, 44.3971,  
42.8339

■ 43.5402, 44.3971,  
42.8339

■ 39.6099, 39.1437,  
33.4853

■ 47.9523, 50.2001,  
53.6174

■ 36.1406, 34.4177,  
25.5078

■ 52.8587, 56.5625,  
65.8902

■ 33.1154, 30.2040,  
18.8367

■ 58.2761, 63.5011,  
79.7075

■ 30.5146, 26.4843,  
13.4015

■ 64.2192, 71.0303,  
95.1208

■ 28.3172, 23.2394,  
9.1242

■ 69.5541, 78.7047,  
106.1334

■ 26.5001, 20.4485,  
5.9185

■ 73.2647, 86.1259,  
107.3702

■ 25.0374, 18.0892,  
3.6854

■ 75.0454, 89.6872,  
107.9638

■ 23.8990, 16.1365,  
2.3070

■ 23.1904, 14.8573,  
1.6455

# Harmonies

## Analogous

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



44.3855, 44.3971, 45.3441



43.5402, 44.3971, 42.8339



42.3480, 44.3971, 41.7962

# Triad

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



43.5402, 44.3971, 42.8339



39.8463, 44.3971, 47.9134



43.2759, 44.3971, 54.7654

# Complementary

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



43.5402, 44.3971, 42.8339



41.9584, 45.3882, 55.2649

# 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.



42.0486, 44.3971, 55.5355



43.5402, 44.3971, 42.8339



40.0838, 44.3971, 51.4669

# Square

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



43.5402, 44.3971, 42.8339



40.2287, 44.3971, 44.6362



40.8839, 44.3971, 54.3008



44.2308, 44.3971, 52.2451



# Rectangle

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



43.5402, 44.3971, 42.8339



41.5227, 44.3971, 42.0393



40.8839, 44.3971, 54.3008



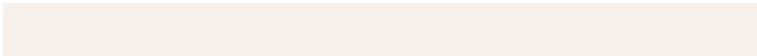
42.8809, 44.3971, 55.2427

# Sweetspot

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



43.5414, 44.3991, 42.8348



85.2595, 88.8297, 93.1227



43.5324, 41.9764, 50.2451



18.5845, 19.3257, 20.1100



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

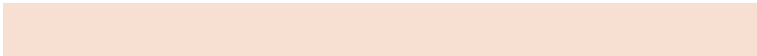


# Same Dimension

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



43.5414, 44.3991, 42.8348



76.5751, 77.3634, 72.0313



45.8047, 48.9257, 43.5893



9.7944, 10.0648, 10.0031



15.4872, 10.0131, 1.1165



0.6688, 0.5165, 0.0644



# Inverse Universe

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



41.9584, 45.3882, 55.2649



73.0394, 79.5710, 99.7883



39.7626, 40.9967, 54.5330



9.5215, 10.2354, 12.1460



11.0388, 12.1893, 34.1639



0.4914, 0.5954, 1.3579



# Previews

## White Background



This preview shows how the XYZ color 43.5402, 44.3971, 42.8339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

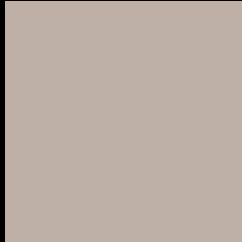
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.5402, 44.3971, 42.8339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

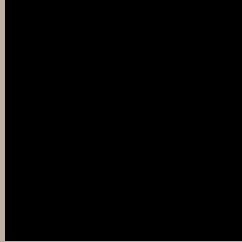
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.5402, 44.3971, 42.8339**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.5402, 44.3971, 42.8339.



This preview shows how white text looks on a background with the XYZ color 43.5402, 44.3971,



# 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

43.5402, 44.3971, 42.8339

### Protanopia

42.3185, 44.3387, 43.3736

### Deuteranopia

45.3736, 44.4743, 43.2387



## Tritanopia

45.6078, 44.3877, 52.6183

# Trichromacy



## Original Color

43.5402, 44.3971, 42.8339

## Protanomaly

42.8429, 44.3169, 43.3417

## Deuteranomaly

44.7764, 44.4501, 43.2655

## Tritanomaly

44.8185, 44.3483, 48.8457

# Monochromacy



## Original Color

43.5402, 44.3971, 42.8339

## Achromatopsia

42.8472, 45.0786, 49.0906

## Achromatomaly

43.1867, 45.0032, 46.9677

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.5402, 44.3971, 42.8339 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, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 175, 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(190, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 175, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 43.5402, 44.3971, 42.8339 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, 175, 167) }
```



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

```
.border{ border-color:rgb(190, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(190, 175,  
167) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.5402, 44.3971, 42.8339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 175, 167) }
```

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

```
.background{ background-color: rgb(190,  
175, 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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