

Converting Colors

XYZ(42.8232, 44.1103, 39.0580)

Have a look what the booklet for
XYZ(42.8232, 44.1103, 39.0580)
contains.

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Color

**XYZ(42.8232, 44.1103,
39.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	BEAF9F
RGB	190, 175, 159
RGB Percent	75%, 69%, 62%
CMY	0.2549, 0.3137, 0.3765
CMYK	0.00, 0.08, 0.16, 0.25
HSL	31°, 19%, 68%
HSV	31°, 16%, 75%
XYZ	42.8232, 44.1103, 39.0580
YIQ	177.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

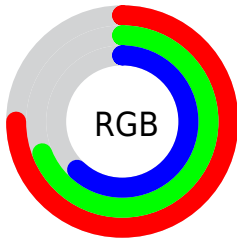
Format	Color
RYB	188, 190, 159
Decimal	12496799
CIELab	72.30, 2.70, 10.14
CIELCh	72, 10.491, 75.102
Yxy	44.1103, 0.3399, 0.3501
Android (android.graphics.Color)	4290686879 (0xFFBEAF9F)
YUV	177.6610, -9.1999, 10.8213
Hunter-Lab	66.4156, -1.1347, 11.6234

Details

The XYZ color **42.8232, 44.1103, 39.0580** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7282, 41.3599, 54.6577**, and the grayscale version is **42.1806, 44.3773, 48.3269**.

A 20% lighter version of the original color is **78.4404, 81.0415, 75.1266**, and **19.9431, 20.4829, 17.0898** is the 20% darker color. If you saturate the color by 10%, you get **39.5714, 40.0454, 30.4553**, and if you desaturate by 10%, it is **46.4526, 48.5241, 49.0380**.

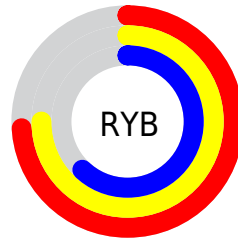
Distribution



Red (75%)

Green (69%)

Blue (62%)



Red (74%)

Yellow (75%)

Blue (62%)

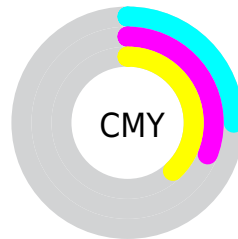


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8232, 44.1103, 39.0580 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 42.8232, 44.1103, 39.0580 by changing the saturation by 10% instead.


 42.8232, 44.1103,
39.0580


 42.8232, 44.1103,
39.0580


348.8180,
363.1582, 357.5703

 29.9403, 30.7572,
26.4967


 78.7014, 81.3837,
74.9482

 19.9412, 20.4141,
16.9665


 102.4274,
106.0728, 99.1142

 12.4603, 12.6964,
10.0489


130.4985,
135.3094, 127.9855

 7.1324, 7.2198,
5.3254

163.2801,
169.4778, 161.9806

 3.5921, 3.5999,
2.3773

201.1375,
208.9626, 201.5181

 1.4741, 1.4524,
0.7741

244.4360,

 0.3081, 0.2549,

254.1479, 247.0166

0.0000

293.5411,
305.4183, 298.8945

■ 0.0000, 0.0000,
0.0000

■ 42.8232, 44.1103,
39.0580

■ 42.8232, 44.1103,
39.0580

■ 39.5714, 40.0454,
30.4553

■ 46.4526, 48.5241,
49.0380

■ 36.6798, 36.3140,
23.1656

■ 50.4693, 53.2899,
60.4502

■ 34.1345, 32.9082,
17.1235

■ 54.8868, 58.4183,
73.3498

■ 31.9196, 29.8175,
12.2568

■ 59.7170, 63.9175,
87.7884

■ 30.0174, 27.0306,
8.4860

■ 64.9713, 69.7956,
103.8149

■ 28.4083, 24.5352,
5.7212

■ 67.6247, 74.8459,
105.4902

■ 27.0698, 22.3178,
3.8584

■ 70.2527, 80.1018,
106.3662

■ 25.9736, 20.3623,
2.7624

■ 73.0176, 85.6317,
107.2879

■ 25.6113, 19.6990,
2.4524

■ 75.0454, 89.6872,
107.9638

Harmonies

Analogous

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



44.4206, 44.1103, 41.3329



42.8232, 44.1103, 39.0580



41.0287, 44.1103, 39.0660

Triad

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



42.8232, 44.1103, 39.0580



38.6666, 44.1103, 50.6623



44.4297, 44.1103, 55.3835

Complementary

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



42.8232, 44.1103, 39.0580



38.7282, 41.3599, 54.6577

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.



42.8353, 44.1103, 58.2668



42.8232, 44.1103, 39.0580



39.5257, 44.1103, 55.4111

Square

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



42.8232, 44.1103, 39.0580



38.6635, 44.1103, 45.5208



41.0405, 44.1103, 58.2773



45.3660, 44.1103, 50.6269

Rectangle

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



42.8232, 44.1103, 39.0580



39.9633, 44.1103, 40.3546



41.0405, 44.1103, 58.2773



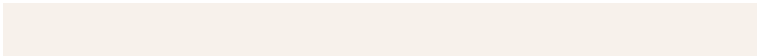
43.9509, 44.1103, 56.6186

Sweetspot

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



42.8244, 44.1123, 39.0589



85.0383, 88.9632, 91.2736



41.3227, 38.8196, 45.6160



18.5645, 19.4047, 19.7366



92.9021, 97.7402, 106.4391



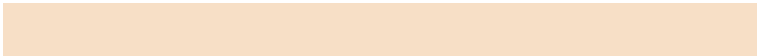
19.4759, 20.4902, 22.3138

Same Dimension

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



42.8244, 44.1123, 39.0589



75.1602, 76.9090, 64.2371



45.9071, 50.2777, 40.0865



9.9265, 10.3290, 10.0471



17.1089, 13.2565, 1.6570



0.7354, 0.6497, 0.0867

Inverse Universe

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



38.7282, 41.3599, 54.6577



66.1708, 70.8688, 98.4706



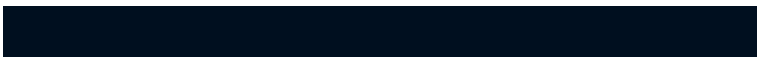
35.9911, 35.8855, 53.7453



9.3871, 9.9665, 12.1012



8.7979, 7.7075, 33.4169



0.4101, 0.4329, 1.3308

Previews

White Background



This preview shows how the XYZ color 42.8232, 44.1103, 39.0580 looks on a white background.

Color Contrast Check

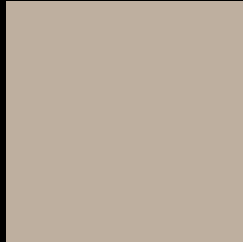
Large Text (above 18pt) WCAG AA × Fail

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 42.8232, 44.1103, 39.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

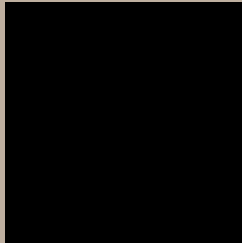
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8232, 44.1103, 39.0580

Background



This preview shows how black text looks on a background with the XYZ color 42.8232, 44.1103, 39.0580.



This preview shows how white text looks on a background with the XYZ color 42.8232, 44.1103,

39.0580.

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

42.8232, 44.1103, 39.0580

Protanopia

42.0749, 44.2966, 39.5902

Deuteranopia

44.9955, 44.0814, 39.3947



Tritanopia

45.3122, 43.9661, 51.9970

Trichromacy



Original Color

42.8232, 44.1103, 39.0580

Protanomaly

42.3640, 44.1535, 39.5474

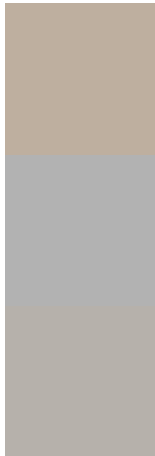
Deuteranomaly

44.1236, 43.9134, 39.4083

Tritanomaly

44.3272, 43.8461, 47.2011

Monochromacy



Original Color

42.8232, 44.1103, 39.0580

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.3642, 44.3296, 44.8517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8232, 44.1103, 39.0580 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(190, 175, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 175, 159) }
```

Border

The CSS property to change the border of an element to XYZ 42.8232, 44.1103, 39.0580 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, 159) }
```


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

```
.border{ border-color:rgb(190, 175, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 175, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 175, 159);  
box-shadow:4px 4px 4px 4px rgb(190, 175,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8232, 44.1103, 39.0580 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, 159) }
```

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

```
.background{ background-color: rgb(190,  
175, 159) }
```

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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