

Converting Colors

XYZ(43.3410, 43.9172, 44.2232)

Have a look what the booklet for
XYZ(43.3410, 43.9172, 44.2232)
contains.

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Color

**XYZ(43.3780, 43.9932,
44.2355)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAEAA
RGB	189, 174, 170
RGB Percent	74%, 68%, 67%
CMY	0.2588, 0.3176, 0.3333
CMYK	0.00, 0.08, 0.10, 0.26
HSL	13°, 13%, 70%
HSV	13°, 10%, 74%
XYZ	43.3780, 43.9932, 44.2355
YIQ	178.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

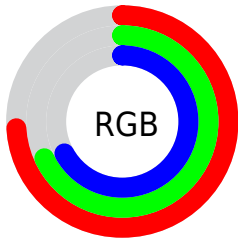
Format	Color
RYB	189, 175, 170
Decimal	12431018
CIELab	72.22, 4.68, 3.98
CIELCh	72, 6.148, 40.387
Yxy	43.9932, 0.3296, 0.3343
Android (android.graphics.Color)	4290621098 (0xFFBDAEAA)
YUV	178.0290, -3.9583, 9.6216
Hunter-Lab	66.3274, 0.6658, 6.8871

Details

The XYZ color **43.3780, 43.9932, 44.2355** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1117, 46.9172, 54.9282**, and the grayscale version is **42.3498, 44.5552, 48.5207**.

A 20% lighter version of the original color is **79.2661, 80.8873, 82.6692**, and **20.3829, 20.4613, 20.0147** is the 20% darker color. If you saturate the color by 10%, you get **38.9937, 37.8828, 34.5782**, and if you desaturate by 10%, it is **48.3419, 50.8505, 55.3552**.

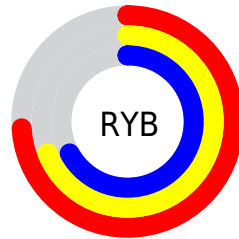
Distribution



Red (74%)

Green (68%)

Blue (67%)



Red (74%)

Yellow (69%)

Blue (67%)

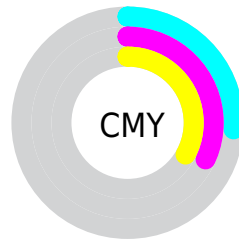


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3780, 43.9932, 44.2355 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 43.3780, 43.9932, 44.2355 by changing the saturation by 10% instead.

■ 43.3780, 43.9932,
44.2355

■ 43.3780, 43.9932,
44.2355

351.0592,
362.6805, 379.7379

■ 30.3776, 30.6652,
30.5171

■ 79.5331, 81.2075,
82.8782

■ 20.2749, 20.3440,
19.9761

103.4186,
105.8626, 108.6397

■ 12.7044, 12.6454,
12.1937

131.6631,
135.0621, 139.2526

■ 7.3009, 7.1848,
6.7516

164.6321,
169.1905, 175.1355

■ 3.6990, 3.5779,
3.2312

202.6908,
208.6321, 216.7070

■ 1.5333, 1.4404,
1.2139

246.2047,

■ 0.3483, 0.2462,

253.7714, 264.3855

0.0000

295.5390,
304.9928, 318.5896

■ 0.0000, 0.0000,
0.0000

■ 43.3780, 43.9932,
44.2355

■ 43.3780, 43.9932,
44.2355

■ 38.9937, 37.8828,
34.5782

■ 48.3419, 50.8505,
55.3552

■ 35.1640, 32.4882,
26.3195

■ 53.9021, 58.4729,
67.9920

■ 31.8675, 27.7848,
19.3952

■ 60.0788, 66.8852,
82.2009

■ 29.0799, 23.7444,
13.7347

■ 66.8904, 76.1092,
98.0336

■ 26.7750, 20.3366,
9.2610

■ 72.7865, 85.5390,
107.2822

■ 24.9242, 17.5287,
5.8886

■ 74.7965, 89.5589,
107.9521

■ 23.4955, 15.2850,
3.5205

■ 22.4525, 13.5657,
2.0423

■ 21.7393, 12.3247,
1.2331

Harmonies

Analogous

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



43.8409, 43.9932, 46.8615



43.3780, 43.9932, 44.2355



42.4986, 43.9932, 42.6357

Triad

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



43.3780, 43.9932, 44.2355



39.9328, 43.9932, 45.9779



42.1809, 43.9932, 53.8441

Complementary

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



43.3780, 43.9932, 44.2355



43.1117, 46.9172, 54.9282

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.



41.1372, 43.9932, 53.5831



43.3780, 43.9932, 44.2355



39.8510, 43.9932, 48.9560

Square

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



43.3780, 43.9932, 44.2355



40.5139, 43.9932, 43.6120



40.2885, 43.9932, 51.7638



43.1421, 43.9932, 52.4626

Rectangle

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



43.3780, 43.9932, 44.2355



41.8005, 43.9932, 42.3248



40.2885, 43.9932, 51.7638



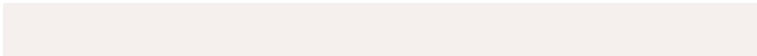
41.8279, 43.9932, 53.9469

Sweetspot

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



43.3792, 43.9951, 44.2364



83.8067, 87.2527, 92.8949



44.1396, 43.0801, 51.9991



17.8651, 18.5465, 19.6236



90.7827, 95.5105, 104.0109



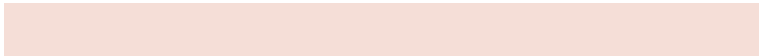
18.6292, 19.5994, 21.3438

Same Dimension

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



43.3792, 43.9951, 44.2364



75.9256, 76.3423, 75.3098



45.2379, 47.7125, 44.8560



9.6887, 9.8535, 9.9679



14.6728, 8.3844, 0.8450



0.6231, 0.4251, 0.0492

Inverse Universe

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



43.1117, 46.9172, 54.9282



75.3524, 82.5967, 98.1975



41.2300, 43.1539, 54.3010



9.6333, 10.4589, 12.1833



13.4869, 17.0854, 34.9799



0.5719, 0.7564, 1.3847

Previews

White Background



This preview shows how the XYZ color 43.3780, 43.9932, 44.2355 looks on a white background.

Color Contrast Check

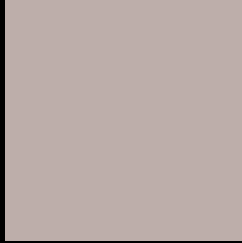
Large Text (above 18pt) WCAG AA × Fail

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 43.3780, 43.9932, 44.2355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

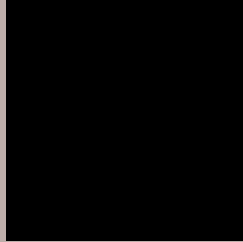
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3780, 43.9932, 44.2355

Background



This preview shows how black text looks on a background with the XYZ color 43.3780, 43.9932, 44.2355.



This preview shows how white text looks on a background with the XYZ color 43.3780, 43.9932,

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

43.3780, 43.9932, 44.2355

Protanopia

42.1674, 43.9360, 44.7861

Deuteranopia

44.9396, 43.9364, 44.6401



Tritanopia

44.9953, 44.0842, 52.0365

Trichromacy



Original Color

43.3780, 43.9932, 44.2355

Protanomaly

42.6882, 43.9145, 44.7545

Deuteranomaly

44.3513, 43.9147, 44.6669

Tritanomaly

44.4170, 44.1296, 49.3568

Monochromacy



Original Color

43.3780, 43.9932, 44.2355

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.7514, 44.4845, 46.8906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3780, 43.9932, 44.2355 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(189, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 170)  
}
```

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(189, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 43.3780, 43.9932, 44.2355 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(189, 174, 170) }
```


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

```
.border{ border-color:rgb(189, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3780, 43.9932, 44.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 170) }
```

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

```
.background{ background-color: rgb(189,  
174, 170) }
```

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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