

Converting Colors

XYZ(43.6053, 44.3277, 32.3271)

Have a look what the booklet for
XYZ(43.6053, 44.3277, 32.3271)
contains.

XYZ(43.6472, 44.3974, 32.2557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6472, 44.3974,
32.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AE8F
RGB	199, 174, 143
RGB Percent	78%, 68%, 56%
CMY	0.2196, 0.3176, 0.4392
CMYK	0.00, 0.13, 0.28, 0.22
HSL	33°, 33%, 67%
HSV	33°, 28%, 78%
XYZ	43.6472, 44.3974, 32.2557
YIQ	177.9410, 24.8510, -4.3410

Conversions

Conversions Part 2

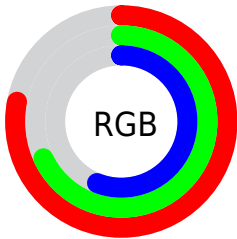
Format	Color
RYB	188, 199, 143
Decimal	13086351
CIELab	72.49, 4.32, 19.25
CIELCh	72, 19.728, 77.362
Yxy	44.3974, 0.3628, 0.3691
Android (android.graphics.Color)	4291276431 (0xFFC7AE8F)
YUV	177.9410, -17.2259, 18.4687
Hunter-Lab	66.6314, 0.3224, 17.9402

Details

The XYZ color **43.6472, 44.3974, 32.2557** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6389, 37.9674, 59.4832**, and the grayscale version is **42.3657, 44.5720, 48.5389**.

A 20% lighter version of the original color is **79.3374, 81.3298, 64.3400**, and **20.4369, 20.6387, 13.2624** is the 20% darker color. If you saturate the color by 10%, you get **40.6121, 40.5293, 24.4546**, and if you desaturate by 10%, it is **47.0656, 48.6036, 41.5049**.

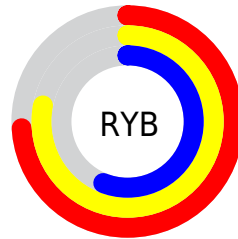
Distribution



Red (78%)

Green (68%)

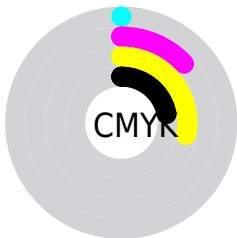
Blue (56%)



Red (74%)

Yellow (78%)

Blue (56%)

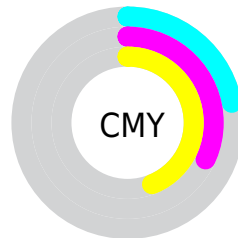


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6472, 44.3974, 32.2557 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 43.6472, 44.3974, 32.2557 by changing the saturation by 10% instead.


 43.6472, 44.3974,
32.2557

 43.6472, 44.3974,
32.2557


352.1432,
364.3275, 326.8110

 30.5900, 30.9831,
21.2904


 79.9362, 81.8154,
64.3143

 20.4371, 20.5859,
13.1432


 103.8988,
106.5878, 86.2447

 12.8233, 12.8217,
7.3953


132.2271,
135.9151, 112.6673

 7.3831, 7.3059,
3.6284

165.2866,
170.1816, 144.0005

 3.7513, 3.6541,
1.4238

203.4426,
209.7717, 180.6629

 1.5624, 1.4820,
0.1601

247.0604,

 0.3677, 0.2760,

255.0697, 223.0731

0.0000

296.5055,
306.4602, 271.6496

■ 0.0000, 0.0000,
0.0000

■ 43.6472, 44.3974,
32.2557

■ 43.6472, 44.3974,
32.2557

■ 40.6121, 40.5293,
24.4546

■ 47.0656, 48.6036,
41.5049

■ 37.9404, 36.9831,
18.0238

■ 50.8791, 53.1511,
52.2691

■ 35.6157, 33.7502,
12.8820

■ 55.1030, 58.0512,
64.6144

■ 33.6186, 30.8192,
8.9384

■ 59.7508, 63.3123,
78.6021

■ 31.9271, 28.1774,
6.0901

■ 64.8356, 68.9427,
94.2901

■ 30.5162, 25.8109,
4.2162

■ 69.1545, 74.4645,
105.3360

■ 29.3487, 23.7006,
3.1341

■ 71.6513, 79.4581,
106.1683

■ 29.1482, 23.3320,
2.9672

■ 74.2753, 84.7062,
107.0430

■ 77.0284, 90.2123,
107.9606

Harmonies

Analogous

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



46.7906, 44.3974, 35.8175



43.6472, 44.3974, 32.2557



40.2746, 44.3974, 32.5621

Triad

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



43.6472, 44.3974, 32.2557



36.2527, 44.3974, 54.1553



47.2005, 44.3974, 62.1876

Complementary

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



43.6472, 44.3974, 32.2557



35.6389, 37.9674, 59.4832

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.



44.1825, 44.3974, 68.5375



43.6472, 44.3974, 32.2557



37.9170, 44.3974, 63.4891

Square

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



43.6472, 44.3974, 32.2557



36.1267, 44.3974, 44.3535



40.7820, 44.3974, 69.0436



48.9150, 44.3974, 52.5610

Rectangle

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



43.6472, 44.3974, 32.2557



38.3486, 44.3974, 34.9166



40.7820, 44.3974, 69.0436



46.2976, 44.3974, 64.8291

Sweetspot

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



43.6484, 44.3994, 32.2566



89.1013, 93.0824, 91.5652



40.4626, 34.6222, 41.6942



18.8433, 19.6548, 18.9449



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.6484, 44.3994, 32.2566



72.9689, 73.3645, 47.5074



48.1987, 54.5929, 33.9843



11.1126, 11.5943, 11.2150



18.8314, 15.1800, 1.9375



0.9632, 0.8618, 0.1156

Inverse Universe

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



35.6389, 37.9674, 59.4832



56.5750, 60.2029, 103.2463



31.9503, 29.8617, 58.1130



10.4399, 11.0539, 13.5009



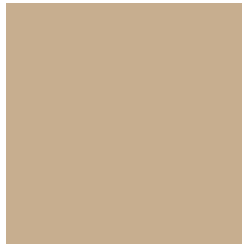
9.0012, 7.3963, 35.6976



0.4982, 0.4942, 1.7143

Previews

White Background



This preview shows how the XYZ color 43.6472, 44.3974, 32.2557 looks on a white background.

Color Contrast Check

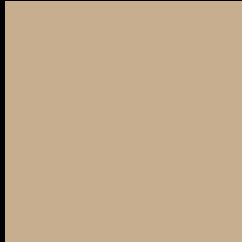
Large Text (above 18pt) WCAG AA × Fail

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 43.6472, 44.3974, 32.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

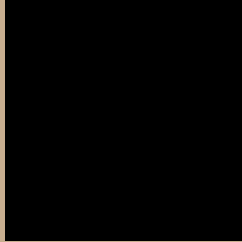
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6472, 44.3974, 32.2557

Background



This preview shows how black text looks on a background with the XYZ color 43.6472, 44.3974, 32.2557.



This preview shows how white text looks on a background with the XYZ color 43.6472, 44.3974,

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

43.6472, 44.3974, 32.2557

Protanopia

42.0175, 44.7039, 33.2022

Deuteranopia

45.3291, 44.4048, 32.5674



Tritanopia

47.5333, 44.5907, 50.3576

Trichromacy



Original Color

43.6472, 44.3974, 32.2557

Protanomaly

42.7485, 44.7954, 32.7788

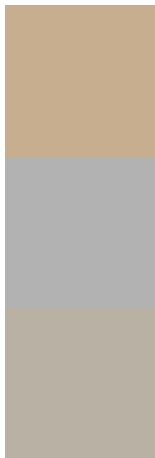
Deuteranomaly

44.6884, 44.3560, 32.5918

Tritanomaly

45.9879, 44.5095, 43.2132

Monochromacy



Original Color

43.6472, 44.3974, 32.2557

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.7634, 44.6000, 41.9521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6472, 44.3974, 32.2557 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(199, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 143)  
}
```

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(199, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 143) }
```

Border

The CSS property to change the border of an element to XYZ 43.6472, 44.3974, 32.2557 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(199, 174, 143) }
```


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

```
.border{ border-color:rgb(199, 174, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6472, 44.3974, 32.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 143) }
```

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

```
.background{ background-color: rgb(199,  
174, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor