

Converting Colors

XYZ(41.1143, 43.0106, 33.2632)

Have a look what the booklet for
XYZ(41.1143, 43.0106, 33.2632)
contains.

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Color

**XYZ(41.0634, 43.0388,
33.3372)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAE92
RGB	188, 174, 146
RGB Percent	74%, 68%, 57%
CMY	0.2627, 0.3176, 0.4274
CMYK	0.00, 0.07, 0.22, 0.26
HSL	40°, 24%, 65%
HSV	40°, 22%, 74%
XYZ	41.0634, 43.0388, 33.3372
YIQ	174.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

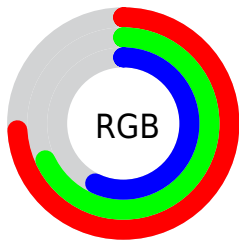
Format	Color
RYB	167, 188, 146
Decimal	12365458
CIELab	71.58, 0.48, 16.20
CIELCh	72, 16.210, 88.302
Yxy	43.0388, 0.3497, 0.3665
Android (android.graphics.Color)	4290555538 (0xFFBCAE92)
YUV	174.9940, -14.2940, 11.4063
Hunter-Lab	65.6040, -3.0787, 15.7941

Details

The XYZ color **41.0634, 43.0388, 33.3372** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5018, 34.8826, 52.5445**, and the grayscale version is **40.8107, 42.9361, 46.7574**.

A 20% lighter version of the original color is **76.1008, 79.6212, 66.0011**, and **18.8566, 19.8136, 13.6570** is the 20% darker color. If you saturate the color by 10%, you get **38.5377, 40.1383, 25.8639**, and if you desaturate by 10%, it is **43.8884, 46.1523, 42.0978**.

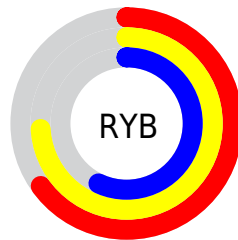
Distribution



Red (74%)

Green (68%)

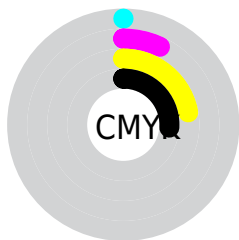
Blue (57%)



Red (65%)

Yellow (74%)

Blue (57%)

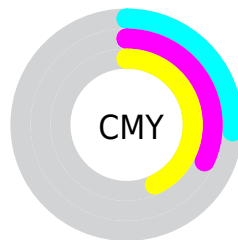


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0634, 43.0388, 33.3372 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 41.0634, 43.0388, 33.3372 by changing the saturation by 10% instead.


 41.0634, 43.0388,
33.3372


 41.0634, 43.0388,
33.3372


341.6436,
358.7713, 331.8449

 28.5565, 29.9156,
22.1117


 76.0542, 79.7694,
66.0237

 18.8882, 19.7745,
13.7399


 99.2689, 104.1456,
88.3217

 11.6930, 12.2312,
7.8033


126.7835,
133.0415, 115.1477

 6.6057, 6.9014,
3.8834

158.9634,
166.8416, 146.9201

 3.2609, 3.4005,
1.5616

196.1741,
205.9302, 184.0574

 1.2932, 1.3442,
0.2632

238.7807,

 0.1781, 0.1751,

250.6918, 226.9783

0.0000

287.1488,
301.5107, 276.1013

■ 0.0000, 0.0000,
0.0000

■ 41.0634, 43.0388,
33.3372

■ 41.0634, 43.0388,
33.3372

■ 38.5377, 40.1383,
25.8639

■ 43.8884, 46.1523,
42.0978

■ 36.2954, 37.4388,
19.6131

■ 47.0209, 49.4789,
52.2009

■ 34.3240, 34.9355,
14.5183

■ 50.4731, 53.0260,
63.7016

■ 32.6089, 32.6214,
10.5057

■ 54.2554, 56.7991,
76.6513

■ 31.1335, 30.4884,
7.4929

■ 58.3777, 60.8031,
91.0987

■ 29.8793, 28.5279,
5.3853

■ 62.2313, 64.7957,
103.8346

■ 28.8238, 26.7296,
4.0700

■ 63.8240, 67.9811,
104.3655

■ 28.1173, 25.4478,
3.4300

■ 65.4781, 71.2893,
104.9169

■ 67.1943, 74.7217,
105.4890

Harmonies

Analogous

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



43.7390, 43.0388, 35.1581



41.0634, 43.0388, 33.3372



38.4591, 43.0388, 34.7903

Triad

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



41.0634, 43.0388, 33.3372



36.4405, 43.0388, 54.3879



45.5566, 43.0388, 55.2476

Complementary

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



41.0634, 43.0388, 33.3372



33.5018, 34.8826, 52.5445

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.



43.4568, 43.0388, 61.4455



41.0634, 43.0388, 33.3372



38.2002, 43.0388, 60.9115

Square

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



41.0634, 43.0388, 33.3372



35.8625, 43.0388, 46.4163



40.7512, 43.0388, 63.6242



46.4039, 43.0388, 47.3105

Rectangle

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



41.0634, 43.0388, 33.3372



37.0971, 43.0388, 37.5225



40.7512, 43.0388, 63.6242



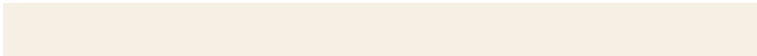
44.9694, 43.0388, 57.6353

Sweetspot

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



41.0645, 43.0407, 33.3381



82.4362, 86.7448, 85.5530



37.3635, 33.7878, 37.8106



17.6545, 18.5765, 18.1625



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.



41.0645, 43.0407, 33.3381



72.0206, 75.2741, 53.2245



42.2279, 47.8658, 34.2081



10.0471, 10.5702, 10.0873



19.2142, 17.4672, 2.3588



0.8104, 0.7998, 0.1117

Inverse Universe

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



33.5018, 34.8826, 52.5445



55.7967, 57.7762, 94.4373



32.4934, 30.9615, 51.8408



9.2693, 9.7309, 12.0619



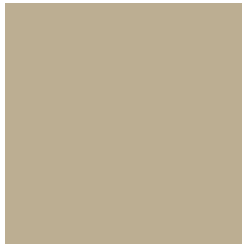
7.4390, 4.9896, 32.9639



0.3528, 0.3182, 1.3117

Previews

White Background



This preview shows how the XYZ color 41.0634, 43.0388, 33.3372 looks on a white background.

Color Contrast Check

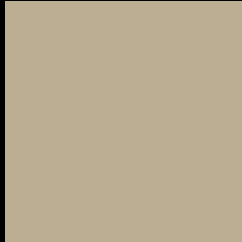
Large Text (above 18pt) WCAG AA × Fail

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 41.0634, 43.0388, 33.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

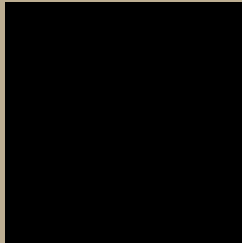
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0634, 43.0388, 33.3372

Background



This preview shows how black text looks on a background with the XYZ color 41.0634, 43.0388, 33.3372.



This preview shows how white text looks on a background with the XYZ color 41.0634, 43.0388,

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

41.0634, 43.0388, 33.3372

Protanopia

40.5259, 43.0496, 33.3676

Deuteranopia

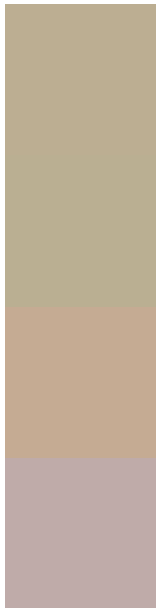
43.8115, 43.0391, 33.6020



Tritanopia

44.6238, 43.0908, 50.2214

Trichromacy



Original Color

41.0634, 43.0388, 33.3372

Protanomaly

40.7680, 43.1744, 33.3789

Deuteranomaly

42.8553, 43.1027, 33.6647

Tritanomaly

43.2102, 43.0668, 43.5714

Monochromacy



Original Color

41.0634, 43.0388, 33.3372

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8532, 43.0436, 41.2770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0634, 43.0388, 33.3372 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(188, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 146)  
}
```

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(188, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 146) }
```

Border

The CSS property to change the border of an element to XYZ 41.0634, 43.0388, 33.3372 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(188, 174, 146) }
```


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

```
.border{ border-color:rgb(188, 174, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0634, 43.0388, 33.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 146) }
```

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

```
.background{ background-color: rgb(188,  
174, 146) }
```

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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