

Converting Colors

XYZ(43.9304, 48.2818, 34.0789)

Have a look what the booklet for
XYZ(43.9304, 48.2818, 34.0789)
contains.

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Color

**XYZ(43.9449, 48.4348,
34.2268)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBB92
RGB	189, 187, 146
RGB Percent	74%, 73%, 57%
CMY	0.2588, 0.2666, 0.4274
CMYK	0.00, 0.01, 0.23, 0.26
HSL	57°, 25%, 66%
HSV	57°, 23%, 74%
XYZ	43.9449, 48.4348, 34.2268
YIQ	182.9240, 14.3530, -12.3270

Conversions

Conversions Part 2

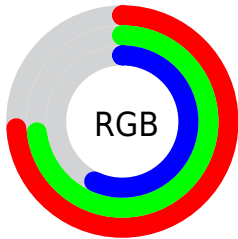
Format	Color
RYB	148, 189, 146
Decimal	12434322
CIELab	75.10, -6.04, 21.08
CIELCh	75, 21.926, 105.982
Yxy	48.4348, 0.3471, 0.3826
Android (android.graphics.Color)	4290624402 (0xFFBDBB92)
YUV	182.9240, -18.2035, 5.3287
Hunter-Lab	69.5951, -9.0800, 19.5578

Details

The XYZ color **43.9449, 48.4348, 34.2268** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6291, 30.9642, 52.4540**, and the grayscale version is **45.0603, 47.4069, 51.6261**.

A 20% lighter version of the original color is **80.4820, 87.8641, 67.3612**, and **20.5823, 23.0273, 14.1864** is the 20% darker color. If you saturate the color by 10%, you get **42.4096, 47.5255, 27.0515**, and if you desaturate by 10%, it is **45.7270, 49.4480, 42.6847**.

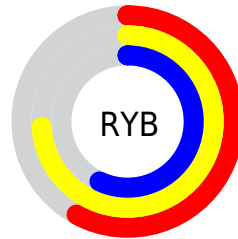
Distribution



Red (74%)

Green (73%)

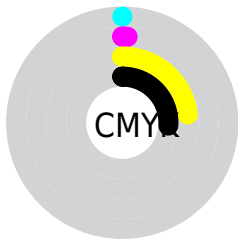
Blue (57%)



Red (58%)

Yellow (74%)

Blue (57%)

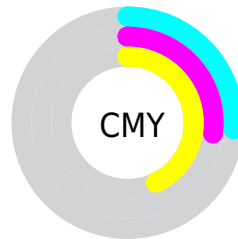


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9449, 48.4348, 34.2268 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 43.9449, 48.4348, 34.2268 by changing the saturation by 10% instead.

■ 43.9449, 48.4348,
34.2268

■ 43.9449, 48.4348,
34.2268

353.3394,
380.5130, 335.9421

■ 30.8249, 34.1713,
22.7891

■ 80.3817, 87.8514,
67.4241

■ 20.6167, 23.0253,
14.2340

■ 104.4292,
113.7734, 90.0209

■ 12.9550, 14.6122,
8.1430

132.8499,
144.3503, 117.1743

■ 7.4744, 8.5476,
4.0975

166.0092,
179.9666, 149.3031

■ 3.8094, 4.4473,
1.6790

204.2725,
221.0066, 186.8258

■ 1.5949, 1.9268,
0.3463

248.0050,

■ 0.3891, 0.5644,

267.8547, 230.1608

0.0000

297.5722,
320.8954, 279.7267

■ 0.0000, 0.0000,
0.0000

■ 43.9449, 48.4348,
34.2268

■ 43.9449, 48.4348,
34.2268

■ 42.4096, 47.5255,
27.0515

■ 45.7270, 49.4480,
42.6847

■ 41.1053, 46.7088,
21.0929

■ 47.7631, 50.5629,
52.4807

■ 40.0204, 45.9816,
16.2837

■ 50.0651, 51.7860,
63.6707

■ 39.1406, 45.3383,
12.5492

■ 52.6427, 53.1212,
76.3066

■ 38.4501, 44.7724,
9.8056

■ 55.5053, 54.5722,
90.4375

■ 37.9305, 44.2768,
7.9569

■ 57.9448, 55.8558,
102.3350

■ 37.5600, 43.8426,
6.8878

■ 58.1384, 56.2429,
102.3995

■ 37.3539, 43.5540,
6.4380

■ 58.3330, 56.6322,
102.4644

■ 58.5289, 57.0239,
102.5296

Harmonies

Analogous

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



47.9292, 48.4348, 34.0801



43.9449, 48.4348, 34.2268



40.7097, 48.4348, 38.8307

Triad

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



43.9449, 48.4348, 34.2268



40.8823, 48.4348, 70.2678



53.9307, 48.4348, 58.2699

Complementary

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



43.9449, 48.4348, 34.2268



31.6291, 30.9642, 52.4540

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.



51.8073, 48.4348, 69.6213



43.9449, 48.4348, 34.2268



44.1930, 48.4348, 77.1991

Square

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



43.9449, 48.4348, 34.2268



39.0129, 48.4348, 59.0553



48.1920, 48.4348, 76.9466



53.8547, 48.4348, 46.8867

Rectangle

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



43.9449, 48.4348, 34.2268



39.3448, 48.4348, 44.2489



48.1920, 48.4348, 76.9466



53.4454, 48.4348, 62.2471

Sweetspot

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



43.9462, 48.4370, 34.2278



83.8955, 89.6635, 86.0395



36.6228, 33.5200, 32.6197



17.9943, 19.2560, 18.2757



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.



43.9462, 48.4370, 34.2278



77.3658, 85.9644, 55.0062



39.8883, 46.9779, 34.1601



10.2833, 11.0425, 10.1661



25.1487, 29.3362, 4.3370



0.9969, 1.1727, 0.1738

Inverse Universe

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



31.6291, 30.9642, 52.4540



51.6541, 49.4912, 93.0565



35.0547, 32.2694, 52.5254



9.0511, 9.2945, 11.9892



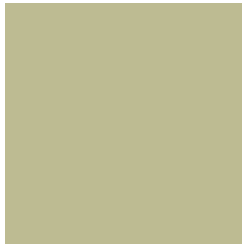
6.2598, 2.6313, 32.5709



0.2575, 0.1277, 1.2799

Previews

White Background



This preview shows how the XYZ color 43.9449, 48.4348, 34.2268 looks on a white background.

Color Contrast Check

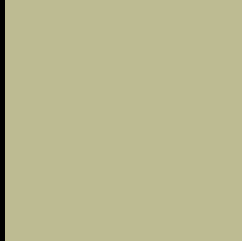
Large Text (above 18pt) WCAG AA × Fail

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 43.9449, 48.4348, 34.2268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

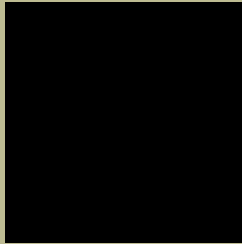
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

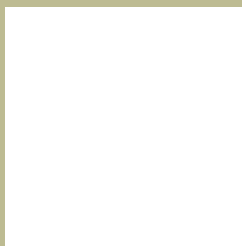
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9449, 48.4348, 34.2268

Background



This preview shows how black text looks on a background with the XYZ color 43.9449, 48.4348, 34.2268.



This preview shows how white text looks on a background with the XYZ color 43.9449, 48.4348,

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

43.9449, 48.4348, 34.2268

Protanopia

45.4858, 48.6126, 33.7739

Deuteranopia

49.2900, 48.4260, 34.7663



Tritanopia

48.6773, 48.1847, 58.3648

Trichromacy



Original Color

43.9449, 48.4348, 34.2268

Protanomaly

44.9179, 48.6315, 33.8075

Deuteranomaly

47.2439, 48.2761, 34.4320

Tritanomaly

46.8616, 48.3788, 48.4631

Monochromacy



Original Color

43.9449, 48.4348, 34.2268

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4038, 47.4975, 44.8578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9449, 48.4348, 34.2268 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, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 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(189, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 146) }
```

Border

The CSS property to change the border of an element to XYZ 43.9449, 48.4348, 34.2268 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, 187, 146) }
```


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

```
.border{ border-color:rgb(189, 187, 146) }
```

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

Here you see how a box with a 4 pixel rgb(189, 187, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 146);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9449, 48.4348, 34.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 187, 146) }
```

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

```
.background{ background-color: rgb(189,  
187, 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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