

Converting Colors

XYZ(43.5348, 49.3886, 43.1947)

Have a look what the booklet for
XYZ(43.5348, 49.3886, 43.1947)
contains.

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Color

**XYZ(43.4182, 49.2449,
43.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BFA6
RGB	176, 191, 166
RGB Percent	69%, 75%, 65%
CMY	0.3098, 0.2510, 0.3490
CMYK	0.08, 0.00, 0.13, 0.25
HSL	96°, 16%, 70%
HSV	96°, 13%, 75%
XYZ	43.4182, 49.2449, 43.2932
YIQ	183.6650, -0.9150, -10.9550

Conversions

Conversions Part 2

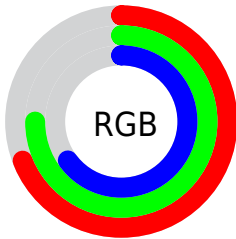
Format	Color
RYB	166, 191, 181
Decimal	11583398
CIELab	75.60, -9.77, 10.87
CIELCh	76, 14.612, 131.937
Yxy	49.2449, 0.3194, 0.3622
Android (android.graphics.Color)	4289773478 (0xFFB0BFA6)
YUV	183.6650, -8.7088, -6.7222
Hunter-Lab	70.1747, -12.3650, 12.5443

Details

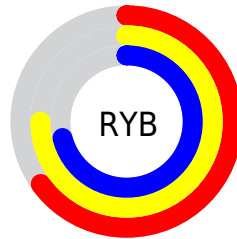
The XYZ color **43.4182, 49.2449, 43.2932** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0983, 40.8592, 54.9607**, and the grayscale version is **45.4232, 47.7887, 52.0419**.

A 20% lighter version of the original color is **79.5906, 88.8978, 81.3707**, and **20.2941, 23.6028, 19.4058** is the 20% darker color. If you saturate the color by 10%, you get **39.3118, 47.3171, 34.6242**, and if you desaturate by 10%, it is **48.0064, 51.3939, 53.3452**.

Distribution



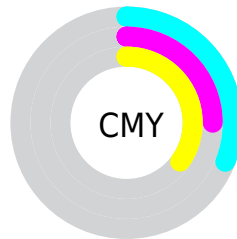
- Red (69%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)




- Cyan (31%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4182, 49.2449, 43.2932 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 43.4182, 49.2449, 43.2932 by changing the saturation by 10% instead.


 43.4182, 49.2449,
43.2932


 43.4182, 49.2449,
43.2932


351.2212,
383.7056, 375.7727

 30.4093, 34.8138,
29.7821


 79.5933, 89.0551,
81.4442

 20.2991, 23.5195,
19.4226


 103.4903,
115.2029, 106.9213

 12.7222, 14.9775,
11.7962

131.7474,
146.0252, 137.2240

 7.3132, 8.8036,
6.4842

164.7299,
181.9061, 172.7711

 3.7068, 4.6133,
3.0682

202.8031,
223.2303, 213.9809

 1.5376, 2.0222,
1.1295

246.3325,

 0.3512, 0.6203,

270.3820, 261.2721

0.0000

295.6835,
323.7456, 315.0632

■ 0.0000, 0.0000,
0.0000

■ 43.4182, 49.2449,
43.2932

■ 43.4182, 49.2449,
43.2932

■ 39.3118, 47.3171,
34.6242

■ 48.0064, 51.3939,
53.3452

■ 35.6664, 45.5967,
27.2745

■ 53.0883, 53.7647,
64.8337

■ 32.4654, 44.0781,
21.1803

■ 58.6804, 56.3661,
77.8133

■ 29.6898, 42.7530,
16.2711

■ 64.7971, 59.2043,
92.3347

■ 27.3186, 41.6123,
12.4694

■ 70.3873, 61.8594,
102.8380

■ 25.3293, 40.6462,
9.6888

■ 74.2583, 63.8550,
103.0192

■ 23.6961, 39.8438,
7.8296

■ 77.9218, 65.7436,
103.1906

■ 22.3894, 39.1922,
6.7723

■ 21.6431, 38.8160,
6.3515

Harmonies

Analogous

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



45.7392, 49.2449, 40.3372



43.4182, 49.2449, 43.2932



42.0373, 49.2449, 49.1360

Triad

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



43.4182, 49.2449, 43.2932



45.2130, 49.2449, 69.0488



52.0761, 49.2449, 50.5998

Complementary

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



43.4182, 49.2449, 43.2932



42.0983, 40.8592, 54.9607

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.



51.9219, 49.2449, 58.3674



43.4182, 49.2449, 43.2932



47.8888, 49.2449, 69.5373

Square

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



43.4182, 49.2449, 43.2932



43.0457, 49.2449, 64.1927



50.3652, 49.2449, 65.4692



50.7787, 49.2449, 44.2758

Rectangle

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



43.4182, 49.2449, 43.2932



41.8021, 49.2449, 54.1238



50.3652, 49.2449, 65.4692



52.1937, 49.2449, 53.1180

Sweetspot

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



43.4195, 49.2470, 43.2943



85.1374, 91.6504, 93.6736



44.8946, 46.8793, 42.7595



18.5526, 20.0588, 20.2531



92.9021, 97.7402, 106.4391



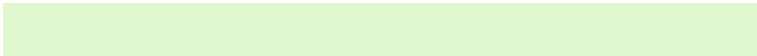
19.4759, 20.4902, 22.3138

Same Dimension

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



43.4195, 49.2470, 43.2943



75.3423, 87.0624, 72.3626



41.4727, 48.2166, 44.4123



9.7602, 10.8308, 10.1528



14.3084, 25.5521, 4.1779



0.6346, 1.0391, 0.1671

Inverse Universe

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



42.0983, 40.8592, 54.9607



72.4674, 68.8147, 97.7423



44.2551, 42.0026, 53.6373



9.5507, 9.5008, 12.0027



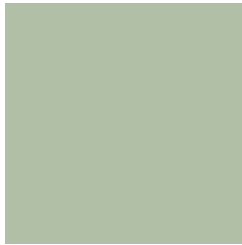
10.8862, 4.8981, 32.7646



0.4984, 0.2290, 1.2868

Previews

White Background



This preview shows how the XYZ color 43.4182, 49.2449, 43.2932 looks on a white background.

Color Contrast Check

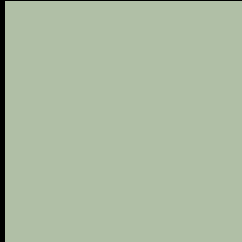
Large Text (above 18pt) WCAG AA × Fail

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 43.4182, 49.2449, 43.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

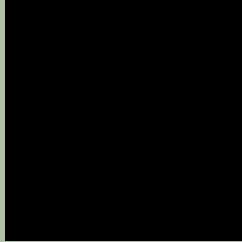
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

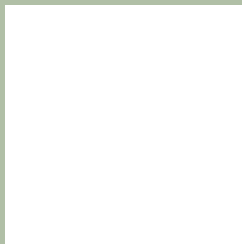
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4182, 49.2449, 43.2932

Background



This preview shows how black text looks on a background with the XYZ color 43.4182, 49.2449, 43.2932.



This preview shows how white text looks on a background with the XYZ color 43.4182, 49.2449,

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

43.4182, 49.2449, 43.2932

Protanopia

46.4655, 48.9444, 41.6485

Deuteranopia

49.7663, 48.7690, 43.8362



Tritanopia

47.1576, 49.1586, 62.2614

Trichromacy



Original Color

43.4182, 49.2449, 43.2932

Protanomaly

45.2102, 48.9123, 42.1802

Deuteranomaly

47.1972, 48.6628, 43.4645

Tritanomaly

45.6507, 49.1810, 54.6638

Monochromacy



Original Color

43.4182, 49.2449, 43.2932

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7622, 48.5387, 48.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4182, 49.2449, 43.2932 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(176, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 191, 166)  
}
```

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(176, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 191, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.4182, 49.2449, 43.2932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

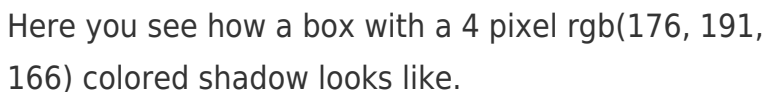
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 191, 166) }
```


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

```
.border{ border-color:rgb(176, 191, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 191, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 191, 166); box-shadow:4px 4px 4px 4px rgb(176, 191, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4182, 49.2449, 43.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 191, 166) }
```

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

```
.background{ background-color: rgb(176,  
191, 166) }
```

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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