

Converting Colors

XYZ(43.5991, 42.5723, 49.8665)

Have a look what the booklet for
XYZ(43.5991, 42.5723, 49.8665)
contains.

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Color

**XYZ(43.5147, 42.5309,
49.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA9B5
RGB	189, 169, 181
RGB Percent	74%, 66%, 71%
CMY	0.2588, 0.3372, 0.2902
CMYK	0.00, 0.11, 0.04, 0.26
HSL	324°, 13%, 70%
HSV	324°, 11%, 74%
XYZ	43.5147, 42.5309, 49.6319
YIQ	176.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

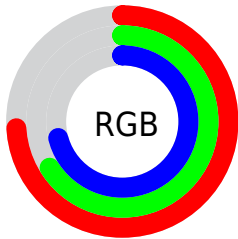
Format	Color
RYB	189, 169, 181
Decimal	12429749
CIELab	71.24, 9.35, -3.51
CIELCh	71, 9.986, 339.393
Yxy	42.5309, 0.3207, 0.3135
Android (android.graphics.Color)	4290619829 (0xFFBDA9B5)
YUV	176.3480, 2.2934, 11.0958
Hunter-Lab	65.2157, 4.9753, 0.5288

Details

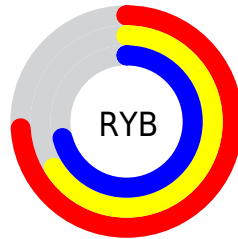
The XYZ color **43.5147, 42.5309, 49.6319** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4972, 48.0056, 48.6234**, and the grayscale version is **41.4349, 43.5927, 47.4725**.

A 20% lighter version of the original color is **79.5979, 78.8382, 91.1428**, and **20.4109, 19.5153, 23.1131** is the 20% darker color. If you saturate the color by 10%, you get **39.4950, 35.6991, 44.5678**, and if you desaturate by 10%, it is **48.0872, 50.3997, 55.0891**.

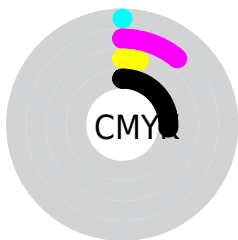
Distribution



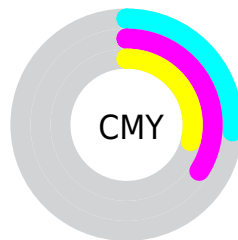
- Red (74%)
- Green (66%)
- Blue (71%)



- Red (74%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5147, 42.5309, 49.6319 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 43.5147, 42.5309, 49.6319 by changing the saturation by 10% instead.

■ 43.5147, 42.5309,
49.6319

■ 43.5147, 42.5309,
49.6319

351.6100,
356.6790, 401.9184

■ 30.4854, 29.5172,
34.7519

■ 79.7379, 79.0025,
91.0199

■ 20.3572, 19.4724,
23.1898

■ 103.6625,
103.2292, 118.3650

■ 12.7648, 12.0121,
14.5271

131.9496,
131.9624, 150.7022

■ 7.3426, 6.7520,
8.3452

164.9645,
165.5864, 188.4500

■ 3.7255, 3.3075,
4.2257

203.0727,
204.4857, 232.0270

■ 1.5481, 1.2943,
1.7500

246.6394,

■ 0.3582, 0.1368,

249.0446, 281.8517

0.3946

296.0300,
299.6476, 338.3427

■ 0.0000, 0.0000,
0.0000

■ 43.5147, 42.5309,
49.6319

■ 43.5147, 42.5309,
49.6319

■ 39.4950, 35.6991,
44.5678

■ 48.0872, 50.3997,
55.0891

■ 36.0021, 29.8552,
39.8833

■ 53.2299, 59.3411,
60.9468

■ 33.0133, 24.9541,
35.5680

■ 58.9639, 69.3957,
67.2156

■ 30.5026, 20.9452,
31.6098

■ 65.3082, 80.6004,
73.9050

■ 28.4418, 17.7732,
27.9958

■ 69.5073, 87.4433,
80.0995

■ 26.7995, 15.3762,
24.7119

■ 70.5246, 87.8502,
85.4564

■ 25.5400, 13.6842,
21.7425

■ 71.5877, 88.2754,
91.0545

■ 24.6210, 12.6138,
19.0697

■ 72.6971, 88.7192,
96.8967

■ 23.9891, 12.0200,
16.7937

■ 73.8535, 89.1817,
102.9861

Harmonies

Analogous

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



42.5031, 42.5309, 53.8096



43.5147, 42.5309, 49.6319



43.6860, 42.5309, 44.8197

Triad

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



43.5147, 42.5309, 49.6319



39.9009, 42.5309, 37.7914



37.9860, 42.5309, 52.4132

Complementary

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



43.5147, 42.5309, 49.6319



42.4972, 48.0056, 48.6234

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.



37.3292, 42.5309, 47.8308



43.5147, 42.5309, 49.6319



38.4145, 42.5309, 39.5398

Square

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



43.5147, 42.5309, 49.6319



41.5686, 42.5309, 38.2003



37.4839, 42.5309, 43.1377



39.3013, 42.5309, 55.4908

Rectangle

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



43.5147, 42.5309, 49.6319



43.2960, 42.5309, 41.9276



37.4839, 42.5309, 43.1377



37.6825, 42.5309, 50.9854

Sweetspot

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



43.5159, 42.5328, 49.6328



84.0091, 86.6118, 96.1857



41.5064, 41.3992, 53.9479



17.9200, 18.3740, 20.5121



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.



43.5159, 42.5328, 49.6328



75.9499, 72.7830, 86.4405



42.5264, 42.1369, 44.4220



9.7639, 9.6299, 11.1459



16.1790, 8.1028, 11.5022



0.6652, 0.3300, 0.6164

Inverse Universe

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



43.5159, 42.5328, 49.6328



75.9499, 72.7830, 86.4405



43.5307, 48.4191, 54.0660



9.7639, 9.6299, 11.1459



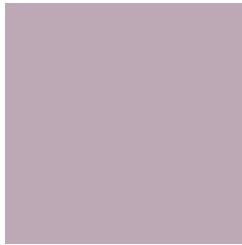
16.1790, 8.1028, 11.5022



0.6652, 0.3300, 0.6164

Previews

White Background



This preview shows how the XYZ color 43.5147, 42.5309, 49.6319 looks on a white background.

Color Contrast Check

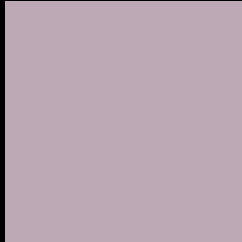
Large Text (above 18pt) WCAG AA × Fail

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 43.5147, 42.5309, 49.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

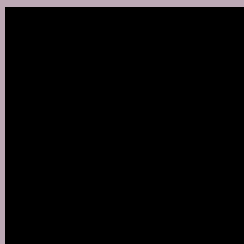
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5147, 42.5309, 49.6319

Background



This preview shows how black text looks on a background with the XYZ color 43.5147, 42.5309, 49.6319.



This preview shows how white text looks on a background with the XYZ color 43.5147, 42.5309,

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

43.5147, 42.5309, 49.6319

Protanopia

41.2745, 42.4618, 51.3679

Deuteranopia

43.2675, 42.4035, 49.6203



Tritanopia

43.6177, 42.5721, 50.1743

Trichromacy



Original Color

43.5147, 42.5309, 49.6319

Protanomaly

42.1222, 42.6272, 50.8075

Deuteranomaly

43.2675, 42.4035, 49.6203

Tritanomaly

43.6177, 42.5721, 50.1743

Monochromacy



Original Color

43.5147, 42.5309, 49.6319

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0355, 42.9252, 48.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5147, 42.5309, 49.6319 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, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 181)  
}
```

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, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.5147, 42.5309, 49.6319 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, 169, 181) }
```


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

```
.border{ border-color:rgb(189, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5147, 42.5309, 49.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 181) }
```

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

```
.background{ background-color: rgb(189,  
169, 181) }
```

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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