

Converting Colors

XYZ(43.2166, 42.1056, 48.9623)

Have a look what the booklet for
XYZ(43.2166, 42.1056, 48.9623)
contains.

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Color

**XYZ(43.2271, 42.1194,
49.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8B4
RGB	189, 168, 180
RGB Percent	74%, 66%, 71%
CMY	0.2588, 0.3412, 0.2941
CMYK	0.00, 0.11, 0.05, 0.26
HSL	326°, 14%, 70%
HSV	326°, 11%, 74%
XYZ	43.2271, 42.1194, 49.0316
YIQ	175.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

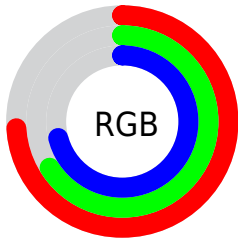
Format	Color
R _Y B	189, 168, 180
Decimal	12429492
CIE Lab	70.95, 9.71, -3.38
CIE LCh	71, 10.284, 340.822
Yxy	42.1194, 0.3217, 0.3134
Android (android.graphics.Color)	4290619572 (0xFFBDA8B4)
YUV	175.6470, 2.1460, 11.7106
Hunter-Lab	64.8995, 5.3181, 0.6360

Details

The XYZ color **43.2271, 42.1194, 49.0316** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2835, 47.8954, 48.6134**, and the grayscale version is **41.0702, 43.2090, 47.0546**.

A 20% lighter version of the original color is **79.1842, 78.2440, 90.2860**, and **20.2295, 19.2573, 22.7295** is the 20% darker color. If you saturate the color by 10%, you get **39.1873, 35.3216, 43.7318**, and if you desaturate by 10%, it is **47.8247, 49.9544, 54.7564**.

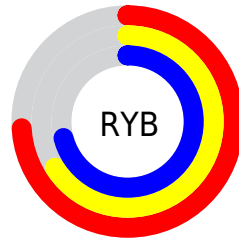
Distribution



Red (74%)

Green (66%)

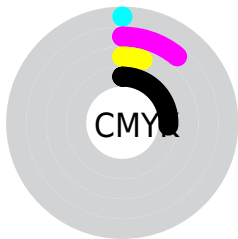
Blue (71%)



Red (74%)

Yellow (66%)

Blue (71%)

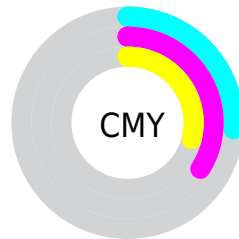


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2271, 42.1194, 49.0316 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 43.2271, 42.1194, 49.0316 by changing the saturation by 10% instead.


 43.2271, 42.1194,
49.0316


 43.2271, 42.1194,
49.0316


350.4506,
354.9777, 399.4928

 30.2586, 29.1948,
34.2788


 79.3070, 78.3803,
90.1199

 20.1840, 19.2282,
22.8287


 103.1492,
102.4854, 117.2924

 12.6379, 11.8353,
14.2630


131.3467,
131.0861, 149.4418

 7.2550, 6.6316,
8.1630

164.2647,
164.5668, 186.9868

 3.6698, 3.2328,
4.1101

202.2688,
203.3119, 230.3459

 1.5171, 1.2545,
1.6860

245.7243,

 0.3374, 0.1055,

247.7058, 279.9375

0.3511

294.9964,
298.1330, 336.1803

■ 0.0000, 0.0000,
0.0000

■ 43.2271, 42.1194,
49.0316

■ 43.2271, 42.1194,
49.0316

■ 39.1873, 35.3216,
43.7318

■ 47.8247, 49.9544,
54.7564

■ 35.6790, 29.5117,
38.8427

■ 52.9978, 58.8624,
60.9144

■ 32.6794, 24.6444,
34.3529

■ 58.7677, 68.8842,
67.5171

■ 30.1622, 20.6688,
30.2496

■ 65.1534, 80.0568,
74.5747

■ 28.0988, 17.5291,
26.5188

■ 69.7320, 87.5331,
81.2831

■ 26.4574, 15.1632,
23.1454

■ 70.8347, 87.9742,
87.0896

■ 25.2020, 13.5002,
20.1127

■ 71.9901, 88.4364,
93.1740

■ 24.2895, 12.4560,
17.4017

■ 73.1990, 88.9199,
99.5399

■ 23.6927, 11.9014,
15.2328

■ 74.4620, 89.4251,
106.1910

Harmonies

Analogous

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



42.2263, 42.1194, 53.3800



43.2271, 42.1194, 49.0316



43.3580, 42.1194, 44.1116

Triad

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



43.2271, 42.1194, 49.0316



39.4177, 42.1194, 37.2015



37.5909, 42.1194, 52.3112

Complementary

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



43.2271, 42.1194, 49.0316



42.2835, 47.8954, 48.6134

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.



36.8829, 42.1194, 47.6558



43.2271, 42.1194, 49.0316



37.9174, 42.1194, 39.0832

Square

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



43.2271, 42.1194, 49.0316



41.1256, 42.1194, 37.5119



37.0007, 42.1194, 42.8299



38.9604, 42.1194, 55.3649

Rectangle

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



43.2271, 42.1194, 49.0316



42.9304, 42.1194, 41.1932



37.0007, 42.1194, 42.8299



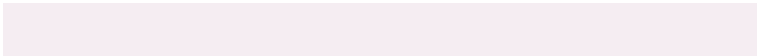
37.2694, 42.1194, 50.8685

Sweetspot

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



43.2283, 42.1212, 49.0325



83.9776, 86.5992, 96.0200



41.2641, 40.9993, 53.8834



17.9115, 18.3706, 20.4672



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.



43.2283, 42.1212, 49.0325



75.8210, 72.7315, 85.7617



42.2224, 41.7189, 43.7357



9.7524, 9.6253, 11.0851



15.9799, 8.0231, 10.4538



0.6581, 0.3271, 0.5788

Inverse Universe

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



43.2283, 42.1212, 49.0325



75.8210, 72.7315, 85.7617



43.3438, 48.3195, 54.1969



9.7524, 9.6253, 11.0851



15.9799, 8.0231, 10.4538



0.6581, 0.3271, 0.5788

Previews

White Background



This preview shows how the XYZ color 43.2271, 42.1194, 49.0316 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 43.2271, 42.1194, 49.0316 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 43.2271, 42.1194, 49.0316

Background



This preview shows how black text looks on a background with the XYZ color 43.2271, 42.1194, 49.0316.



This preview shows how white text looks on a background with the XYZ color 43.2271, 42.1194,

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

43.2271, 42.1194, 49.0316

Protanopia

40.9464, 42.3047, 50.8073

Deuteranopia

42.9799, 41.9919, 49.0200



Tritanopia

43.3294, 42.1603, 49.5701

Trichromacy



Original Color

43.2271, 42.1194, 49.0316

Protanomaly

41.5968, 42.0869, 50.1872

Deuteranomaly

42.9799, 41.9919, 49.0200

Tritanomaly

43.3294, 42.1603, 49.5701

Monochromacy



Original Color

43.2271, 42.1194, 49.0316

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9354, 42.8852, 47.6624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2271, 42.1194, 49.0316 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, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 180)  
}
```

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, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.2271, 42.1194, 49.0316 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, 168, 180) }
```


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

```
.border{ border-color:rgb(189, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2271, 42.1194, 49.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 180) }
```

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

```
.background{ background-color: rgb(189,  
168, 180) }
```

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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