

Converting Colors

XYZ(43.2202, 42.2771, 49.2228)

Have a look what the booklet for
XYZ(43.2202, 42.2771, 49.2228)
contains.

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Color

**XYZ(43.1652, 42.3626,
49.0818)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA9B4
RGB	188, 169, 180
RGB Percent	74%, 66%, 71%
CMY	0.2627, 0.3372, 0.2941
CMYK	0.00, 0.10, 0.04, 0.26
HSL	325°, 12%, 70%
HSV	325°, 10%, 74%
XYZ	43.1652, 42.3626, 49.0818
YIQ	175.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

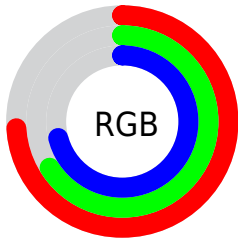
Format	Color
RYB	188, 169, 180
Decimal	12364212
CIELab	71.12, 8.81, -3.14
CIElCh	71, 9.353, 340.367
Yxy	42.3626, 0.3207, 0.3147
Android (android.graphics.Color)	4290554292 (0xFFBCA9B4)
YUV	175.9350, 2.0040, 10.5810
Hunter-Lab	65.0866, 4.4792, 0.8500

Details

The XYZ color **43.1652, 42.3626, 49.0818** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2828, 47.5768, 48.5519**, and the grayscale version is **41.2210, 43.3677, 47.2275**.

A 20% lighter version of the original color is **79.1042, 78.6005, 90.3591**, and **20.1837, 19.4058, 22.7606** is the 20% darker color. If you saturate the color by 10%, you get **39.1327, 35.5513, 43.8717**, and if you desaturate by 10%, it is **47.7491, 50.2018, 54.7040**.

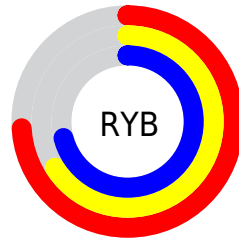
Distribution



Red (74%)

Green (66%)

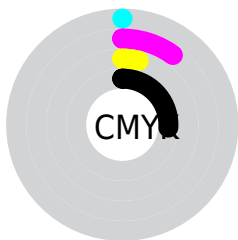
Blue (71%)



Red (74%)

Yellow (66%)

Blue (71%)

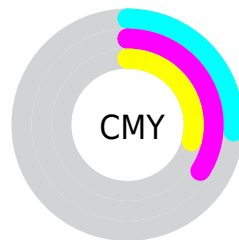


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1652, 42.3626, 49.0818 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 43.1652, 42.3626, 49.0818 by changing the saturation by 10% instead.


 43.1652, 42.3626,
49.0818


 43.1652, 42.3626,
49.0818


350.2007,
355.9839, 399.6960

 30.2098, 29.3853,
34.3183


 79.2143, 78.7481,
90.1952

 20.1468, 19.3725,
22.8589


 103.0387,
102.9251, 117.3822

 12.6107, 11.9397,
14.2850


131.2168,
131.6042, 149.5474

 7.2361, 6.7027,
8.1782

164.1140,
165.1697, 187.1094

 3.6579, 3.2769,
4.1198

202.0956,
204.0060, 230.4867

 1.5105, 1.2779,
1.6913

245.5271,

 0.3329, 0.1240,

248.4975, 280.0979

0.3547

294.7736,
299.0287, 336.3614

■ 0.0000, 0.0000,
0.0000

■ 43.1652, 42.3626,
49.0818

■ 43.1652, 42.3626,
49.0818

■ 39.1327, 35.5513,
43.8717

■ 47.7491, 50.2018,
54.7040

■ 35.6259, 29.7193,
39.0599

■ 52.9015, 59.1039,
60.7463

■ 32.6223, 24.8224,
34.6355


■ 58.6434, 69.1088,
67.2196


■ 30.0963, 20.8108,
30.5861


■ 64.9936, 80.2530,
74.1337


■ 28.0200, 17.6299,
26.8982


■ 69.3628, 87.3569,
80.6290


 26.3624, 15.2193,
23.5575


 70.4340, 87.7854,
86.2698


 25.0885, 13.5099,
20.5477

 71.5555, 88.2340,
92.1756

 24.1567, 12.4204,
17.8507

 72.7279, 88.7029,
98.3496

 23.4905, 11.7920,
15.4582

 73.9520, 89.1926,
104.7954

Harmonies

Analogous

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



42.2447, 42.3626, 53.0073



43.1652, 42.3626, 49.0818



43.2971, 42.3626, 44.5923

Triad

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



43.1652, 42.3626, 49.0818



39.7254, 42.3626, 38.1582



38.0152, 42.3626, 51.9347

Complementary

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



43.1652, 42.3626, 49.0818



42.2828, 47.5768, 48.5519

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.



37.3767, 42.3626, 47.6938



43.1652, 42.3626, 49.0818



38.3469, 42.3626, 39.8670

Square

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



43.1652, 42.3626, 49.0818



41.2838, 42.3626, 38.4765



37.4965, 42.3626, 43.2907



39.2619, 42.3626, 54.7268

Rectangle

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



43.1652, 42.3626, 49.0818



42.9165, 42.3626, 41.9052



37.4965, 42.3626, 43.2907



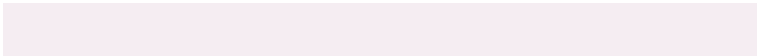
37.7238, 42.3626, 50.6204

Sweetspot

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



43.1664, 42.3644, 49.0827



83.9859, 86.6025, 96.0635



41.3792, 41.3462, 53.3771



17.9137, 18.3715, 20.4790



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.



43.1664, 42.3644, 49.0827



76.6216, 74.0442, 86.9176



42.2395, 41.9937, 44.2016



9.7554, 9.6265, 11.1011



16.0311, 8.0436, 10.7235



0.6600, 0.3279, 0.5886

Inverse Universe

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



43.1664, 42.3644, 49.0827



76.6216, 74.0442, 86.9176



43.2540, 47.9653, 53.6661



9.7554, 9.6265, 11.1011



16.0311, 8.0436, 10.7235



0.6600, 0.3279, 0.5886

Previews

White Background



This preview shows how the XYZ color 43.1652, 42.3626, 49.0818 looks on a white background.

Color Contrast Check

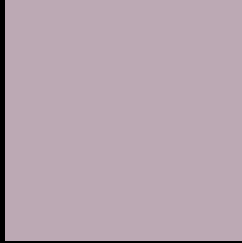
Large Text (above 18pt) WCAG AA × Fail

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 43.1652, 42.3626, 49.0818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

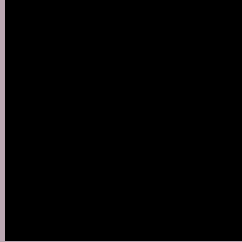
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1652, 42.3626, 49.0818

Background



This preview shows how black text looks on a background with the XYZ color 43.1652, 42.3626, 49.0818.



This preview shows how white text looks on a background with the XYZ color 43.1652, 42.3626,

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

43.1652, 42.3626, 49.0818

Protanopia

41.0663, 42.3785, 50.2714

Deuteranopia

43.1652, 42.3626, 49.0818



Tritanopia

43.3705, 42.4447, 50.1627

Trichromacy



Original Color

43.1652, 42.3626, 49.0818

Protanomaly

41.9154, 42.5445, 49.7188

Deuteranomaly

43.1652, 42.3626, 49.0818

Tritanomaly

43.2675, 42.4035, 49.6203

Monochromacy



Original Color

43.1652, 42.3626, 49.0818

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.7018, 42.7648, 47.6515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1652, 42.3626, 49.0818 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, 169, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 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(188, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.1652, 42.3626, 49.0818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

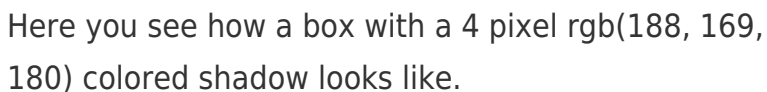
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 169, 180) }
```


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

```
.border{ border-color:rgb(188, 169, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 169, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 169, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 169, 180); box-shadow:4px 4px 4px 4px rgb(188, 169, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1652, 42.3626, 49.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 180) }
```

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

```
.background{ background-color: rgb(188,  
169, 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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