

Converting Colors

XYZ(43.4679, 42.3552, 50.4975)

Have a look what the booklet for
XYZ(43.4679, 42.3552, 50.4975)
contains.

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Color

**XYZ(43.4742, 42.4862,
50.7091)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA9B7
RGB	188, 169, 183
RGB Percent	74%, 66%, 72%
CMY	0.2627, 0.3372, 0.2823
CMYK	0.00, 0.10, 0.03, 0.26
HSL	316°, 12%, 70%
HSV	316°, 10%, 74%
XYZ	43.4742, 42.4862, 50.7091
YIQ	176.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

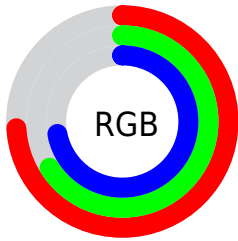
Format	Color
R _Y B	188, 169, 183
Decimal	12364215
CIE Lab	71.20, 9.36, -4.67
CIE LCh	71, 10.461, 333.468
Yxy	42.4862, 0.3181, 0.3109
Android (android.graphics.Color)	4290554295 (0xFFBCA9B7)
YUV	176.2770, 3.3144, 10.2811
Hunter-Lab	65.1814, 4.9870, -0.4987

Details

The XYZ color **43.4742, 42.4862, 50.7091** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9870, 47.4585, 46.9940**, and the grayscale version is **41.3931, 43.5488, 47.4246**.

A 20% lighter version of the original color is **79.5439, 78.7764, 92.6743**, and **20.3822, 19.4852, 23.8058** is the 20% darker color. If you saturate the color by 10%, you get **39.7195, 35.7860, 46.9614**, and if you desaturate by 10%, it is **47.7524, 50.2031, 54.7216**.

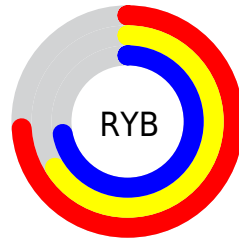
Distribution



Red (74%)

Green (66%)

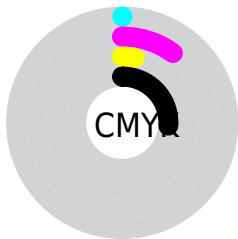
Blue (72%)



Red (74%)

Yellow (66%)

Blue (72%)

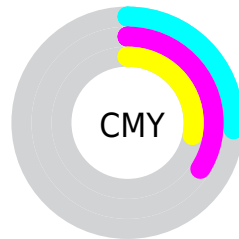


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4742, 42.4862, 50.7091 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 43.4742, 42.4862, 50.7091 by changing the saturation by 10% instead.

■ 43.4742, 42.4862,
50.7091

■ 43.4742, 42.4862,
50.7091

351.4468,
356.4945, 406.2468

■ 30.4535, 29.4822,
35.6020

■ 79.6772, 78.9349,
92.6317

■ 20.3328, 19.4459,
23.8397

■ 103.5902,
103.1485, 120.2844

■ 12.7469, 11.9929,
15.0037

131.8647,
131.8673, 152.9559

■ 7.3303, 6.7388,
8.6753

164.8661,
165.4758, 191.0650

■ 3.7177, 3.2993,
4.4361

202.9596,
204.3583, 235.0300

■ 1.5437, 1.2899,
1.8675

246.5107,

■ 0.3553, 0.1334,

248.8994, 285.2697

0.4719

295.8846,
299.4833, 342.2024

■ 0.0000, 0.0000,
0.0000

■ 43.4742, 42.4862,
50.7091

■ 43.4742, 42.4862,
50.7091

■ 39.7195, 35.7860,
46.9614

■ 47.7524, 50.2031,
54.7216

■ 36.4630, 30.0541,
43.4678

■ 52.5706, 58.9715,
59.0038

■ 33.6829, 25.2466,
40.2204

■ 57.9492, 68.8311,
63.5640

■ 31.3542, 21.3140,
37.2102

■ 63.9065, 79.8182,
68.4090

■ 29.4497, 18.2018,
34.4269

■ 67.8526, 86.7528,
72.6764

■ 27.9390, 15.8499,
31.8596

■ 68.4701, 86.9998,
75.9280

■ 26.7877, 14.1896,
29.4958

■ 69.1067, 87.2545,
79.2805

■ 25.9551, 13.1398,
27.3209

■ 69.7626, 87.5168,
82.7347

■ 25.3645, 12.5416,
25.3269

■ 70.4381, 87.7870,
86.2916

Harmonies

Analogous

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



42.2699, 42.4862, 54.7920



43.4742, 42.4862, 50.7091



43.8417, 42.4862, 45.6786

Triad

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



43.4742, 42.4862, 50.7091



40.1782, 42.4862, 37.2756



37.6340, 42.4862, 51.7924

Complementary

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



43.4742, 42.4862, 50.7091



41.9870, 47.4585, 46.9940

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.



37.1090, 42.4862, 46.8469



43.4742, 42.4862, 50.7091



38.5509, 42.4862, 38.6636

Square

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



43.4742, 42.4862, 50.7091



41.9068, 42.4862, 38.1476



37.4397, 42.4862, 42.0795



38.8944, 42.4862, 55.4485

Rectangle

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



43.4742, 42.4862, 50.7091



43.5543, 42.4862, 42.5203



37.4397, 42.4862, 42.0795



37.3674, 42.4862, 50.2133

Sweetspot

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



43.4754, 42.4880, 50.7100



84.1604, 86.6723, 96.9826



40.6667, 40.9789, 53.3438



17.9610, 18.3904, 20.7281



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.



43.4754, 42.4880, 50.7100



77.2911, 74.3121, 90.4433



42.5440, 42.1155, 45.8054



9.8198, 9.6522, 11.4402



17.3012, 8.5516, 17.4115



0.7032, 0.3452, 0.8165

Inverse Universe

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



43.4754, 42.4880, 50.7100



77.2911, 74.3121, 90.4433



42.9200, 47.8317, 51.9076



9.8198, 9.6522, 11.4402



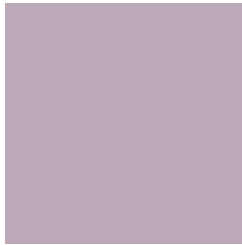
17.3012, 8.5516, 17.4115



0.7032, 0.3452, 0.8165

Previews

White Background



This preview shows how the XYZ color 43.4742, 42.4862, 50.7091 looks on a white background.

Color Contrast Check

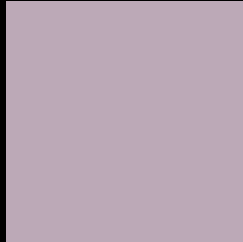
Large Text (above 18pt) WCAG AA × Fail

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 43.4742, 42.4862, 50.7091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

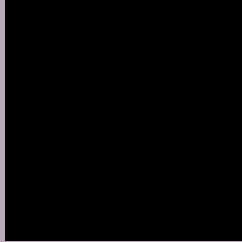
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4742, 42.4862, 50.7091

Background



This preview shows how black text looks on a background with the XYZ color 43.4742, 42.4862, 50.7091.



This preview shows how white text looks on a background with the XYZ color 43.4742, 42.4862,

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

43.4742, 42.4862, 50.7091

Protanopia

41.2621, 42.4310, 52.4696

Deuteranopia

43.2287, 42.3596, 50.6976



Tritanopia

43.3705, 42.4447, 50.1627

Trichromacy



Original Color

43.4742, 42.4862, 50.7091

Protanomaly

42.0999, 42.5915, 51.9010

Deuteranomaly

43.2287, 42.3596, 50.6976

Tritanomaly

43.3705, 42.4447, 50.1627

Monochromacy



Original Color

43.4742, 42.4862, 50.7091

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9026, 42.8451, 48.7093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4742, 42.4862, 50.7091 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.4742, 42.4862, 50.7091 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, 183) }
```


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

```
.border{ border-color:rgb(188, 169, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4742, 42.4862, 50.7091 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, 183) }
```

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

```
.background{ background-color: rgb(188,  
169, 183) }
```

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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