

Converting Colors

XYZ(41.4727, 39.3724, 43.3625)

Have a look what the booklet for
XYZ(41.4727, 39.3724, 43.3625)
contains.

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Color

**XYZ(41.4864, 39.4684,
43.4618)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA1AA
RGB	191, 161, 170
RGB Percent	75%, 63%, 67%
CMY	0.2510, 0.3686, 0.3333
CMYK	0.00, 0.16, 0.11, 0.25
HSL	342°, 19%, 69%
HSV	342°, 16%, 75%
XYZ	41.4864, 39.4684, 43.4618
YIQ	170.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

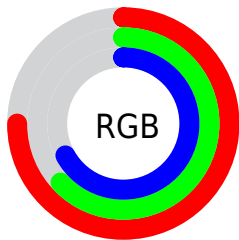
Format	Color
RYB	191, 161, 170
Decimal	12558762
CIELab	69.09, 12.52, -0.55
CIELCh	69, 12.528, 357.472
Yxy	39.4684, 0.3334, 0.3172
Android (android.graphics.Color)	4290748842 (0xFFBFA1AA)
YUV	170.9960, -0.4910, 17.5435
Hunter-Lab	62.8239, 7.9325, 2.9597

Details

The XYZ color **41.4864, 39.4684, 43.4618** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7738, 48.2170, 51.3634**, and the grayscale version is **38.7047, 40.7204, 44.3445**.

A 20% lighter version of the original color is **76.8579, 74.5044, 81.5641**, and **19.0552, 17.5636, 19.5253** is the 20% darker color. If you saturate the color by 10%, you get **37.1991, 32.8158, 36.1062**, and if you desaturate by 10%, it is **46.4145, 47.1957, 51.6668**.

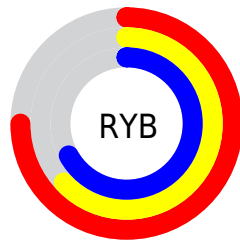
Distribution



Red (75%)

Green (63%)

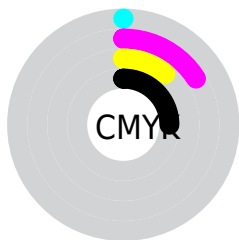
Blue (67%)



Red (75%)

Yellow (63%)

Blue (67%)

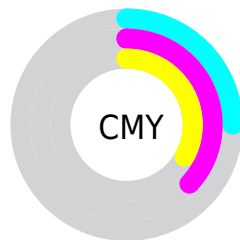


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4864, 39.4684, 43.4618 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 41.4864, 39.4684, 43.4618 by changing the saturation by 10% instead.


 41.4864, 39.4684,
43.4618


 41.4864, 39.4684,
43.4618


343.3774,
343.8778, 376.4844

 28.8887, 27.1243,
29.9135


 76.6918, 74.3533,
81.7011

 19.1405, 17.6666,
19.5215


 100.0301, 97.6630,
107.2292

 11.8764, 10.7109,
11.8671


127.6794,
125.3966, 137.5877

 6.7312, 5.8728,
6.5318

160.0050,
157.9385, 173.1950

 3.3394, 2.7679,
3.0971

197.3723,
195.6732, 214.4699

 1.3357, 1.0118,
1.1444

240.1465,

 0.2097, 0.0000,

238.9851, 261.8306

0.0000

288.6931,
288.2585, 315.6960

■ 0.0000, 0.0000,
0.0000

■ 41.4864, 39.4684,
43.4618

■ 41.4864, 39.4684,
43.4618

■ 37.1991, 32.8158,
36.1062

■ 46.4145, 47.1957,
51.6668

■ 33.5223, 27.1849,
29.5696

■ 52.0054, 56.0371,
60.7451

■ 30.4283, 22.5264,
23.8234

■ 58.2839, 66.0365,
70.7229

■ 27.8859, 18.7843,
18.8364

■ 65.2727, 77.2336,
81.6244

■ 25.8608, 15.8974,
14.5752

■ 72.5115, 88.7026,
93.3123

■ 24.3146, 13.7965,
11.0035

■ 74.5375, 89.5130,
103.9813

■ 23.2034, 12.4017,
8.0815

■ 75.2960, 89.8164,
107.9755

■ 22.4731, 11.6137,
5.7640

■ 22.2317, 11.3747,
4.9321

Harmonies

Analogous

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



40.8488, 39.4684, 49.1701



41.4864, 39.4684, 43.4618



41.0285, 39.4684, 38.0931

Triad

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



41.4864, 39.4684, 43.4618



35.7680, 39.4684, 33.9280



35.4843, 39.4684, 52.9408

Complementary

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



41.4864, 39.4684, 43.4618



41.7738, 48.2170, 51.3634

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.



34.2052, 39.4684, 48.2557



41.4864, 39.4684, 43.4618



34.3649, 39.4684, 37.3223

Square

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



41.4864, 39.4684, 43.4618



37.6833, 39.4684, 32.8875



33.8028, 39.4684, 42.4906



37.3442, 39.4684, 54.9378

Rectangle

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



41.4864, 39.4684, 43.4618



40.1724, 39.4684, 35.3611



33.8028, 39.4684, 42.4906



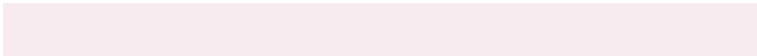
34.9747, 39.4684, 51.6088

Sweetspot

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



41.4875, 39.4702, 43.4626



83.7191, 85.4583, 93.5054



41.4416, 39.1983, 54.6724



18.2364, 18.5334, 20.2906



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.



41.4875, 39.4702, 43.4626



71.4126, 66.1883, 72.9310



41.7389, 41.2887, 39.4900



9.6448, 9.5822, 10.5184



14.6418, 7.4879, 3.4073



0.6034, 0.3052, 0.2907

Inverse Universe

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



41.4875, 39.4702, 43.4626



71.4126, 66.1883, 72.9310



41.4522, 46.0377, 55.9920



9.6448, 9.5822, 10.5184



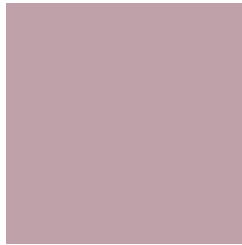
14.6418, 7.4879, 3.4073



0.6034, 0.3052, 0.2907

Previews

White Background



This preview shows how the XYZ color 41.4864, 39.4684, 43.4618 looks on a white background.

Color Contrast Check

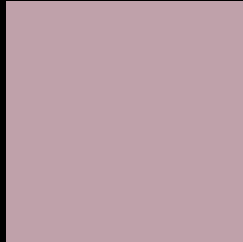
Large Text (above 18pt) WCAG AA × Fail

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 41.4864, 39.4684, 43.4618 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 41.4864, 39.4684, 43.4618

Background



This preview shows how black text looks on a background with the XYZ color 41.4864, 39.4684, 43.4618.



This preview shows how white text looks on a background with the XYZ color 41.4864, 39.4684,

43.4618.

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

41.4864, 39.4684, 43.4618

Protanopia

38.2202, 39.6073, 45.6750

Deuteranopia

40.3605, 39.4110, 43.5101



Tritanopia

41.7736, 39.5832, 44.9738

Trichromacy



Original Color

41.4864, 39.4684, 43.4618

Protanomaly

39.3581, 39.3924, 45.0643

Deuteranomaly

40.6695, 39.3077, 43.4738

Tritanomaly

41.6771, 39.5447, 44.4660

Monochromacy



Original Color

41.4864, 39.4684, 43.4618

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.5295, 40.0427, 44.1737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4864, 39.4684, 43.4618 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(191, 161, 170)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 170)  
}
```

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(191, 161, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 170) }
```

Border

The CSS property to change the border of an element to XYZ 41.4864, 39.4684, 43.4618 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(191, 161, 170) }
```


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

```
.border{ border-color:rgb(191, 161, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 161, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 170);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4864, 39.4684, 43.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 170) }
```

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

```
.background{ background-color: rgb(191,  
161, 170) }
```

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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