

Converting Colors

XYZ(43.1599, 41.0474, 52.1688)

Have a look what the booklet for
XYZ(43.1599, 41.0474, 52.1688)
contains.

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Color

**XYZ(43.1247, 40.9149,
52.0788)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA4BA
RGB	189, 164, 186
RGB Percent	74%, 64%, 73%
CMY	0.2588, 0.3568, 0.2706
CMYK	0.00, 0.13, 0.02, 0.26
HSL	307°, 16%, 69%
HSV	307°, 13%, 74%
XYZ	43.1247, 40.9149, 52.0788
YIQ	173.9830, 7.8380, 12.1420

Conversions

Conversions Part 2

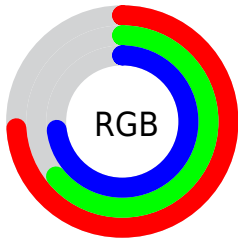
Format	Color
RYB	189, 164, 186
Decimal	12428474
CIELab	70.12, 13.02, -7.93
CIELCh	70, 15.244, 328.639
Yxy	40.9149, 0.3168, 0.3006
Android (android.graphics.Color)	4290618554 (0xFFBDA4BA)
YUV	173.9830, 5.9244, 13.1699
Hunter-Lab	63.9648, 8.4054, -3.4974

Details

The XYZ color **43.1247, 40.9149, 52.0788** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4841, 47.0790, 43.5149**, and the grayscale version is **40.1921, 42.2852, 46.0486**.

A 20% lighter version of the original color is **79.0147, 76.4863, 94.6032**, and **20.1812, 18.5160, 24.7006** is the 20% darker color. If you saturate the color by 10%, you get **39.7517, 34.5511, 49.7744**, and if you desaturate by 10%, it is **47.0066, 48.2891, 54.5727**.

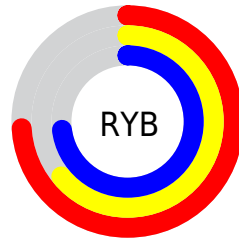
Distribution



Red (74%)

Green (64%)

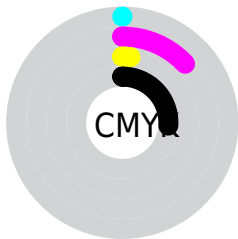
Blue (73%)



Red (74%)

Yellow (64%)

Blue (73%)

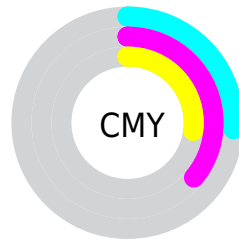


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1247, 40.9149, 52.0788 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 43.1247, 40.9149, 52.0788 by changing the saturation by 10% instead.


 43.1247, 40.9149,
52.0788


 43.1247, 40.9149,
52.0788


350.0372,
349.9648, 411.7063

 30.1779, 28.2526,
36.6852


 79.1535, 76.5547,
94.6752

 20.1224, 18.5162,
24.6700


 102.9663,
100.3010, 122.7151

 12.5928, 11.3212,
15.6146


131.1318,
128.5107, 155.8075

 7.2238, 6.2833,
9.1004

164.0153,
161.5683, 194.3710

 3.6500, 3.0181,
4.7090

201.9823,
199.8581, 238.8241

 1.5061, 1.1412,
2.0218

245.3980,

 0.3300, 0.0129,

243.7645, 289.5853

0.5687

294.6278,
293.6719, 347.0732

■ 0.0000, 0.0000,
0.0000

■ 43.1247, 40.9149,
52.0788

■ 43.1247, 40.9149,
52.0788

■ 39.7517, 34.5511,
49.7744

■ 47.0066, 48.2891,
54.5727

■ 36.8618, 29.1482,
47.6493

■ 51.4146, 56.7097,
57.2605

■ 34.4325, 24.6604,
45.6966

■ 56.3693, 66.2178,
60.1495

■ 32.4381, 21.0363,
43.9074

■ 61.8894, 76.8503,
63.2462

■ 30.8502, 18.2192,
42.2722

■ 66.8642, 86.3860,
66.1803

■ 29.6371, 16.1457,
40.7805

■ 67.1267, 86.4911,
67.5631

■ 28.7623, 14.7430,
39.4199

■ 67.3933, 86.5977,
68.9665

■ 28.1822, 13.9235,
38.1757

■ 67.6637, 86.7058,
70.3907

■ 27.8985, 13.5838,
37.3798

■ 67.9381, 86.8156,
71.8358

Harmonies

Analogous

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



41.2302, 40.9149, 57.7099



43.1247, 40.9149, 52.0788



43.8775, 40.9149, 44.8761

Triad

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



43.1247, 40.9149, 52.0788



39.0023, 40.9149, 32.1916



34.8331, 40.9149, 51.4548

Complementary

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



43.1247, 40.9149, 52.0788



40.4841, 47.0790, 43.5149

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.



34.2926, 40.9149, 44.2242



43.1247, 40.9149, 52.0788



36.6370, 40.9149, 33.5592

Square

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



43.1247, 40.9149, 52.0788



41.4355, 40.9149, 33.8297



34.9390, 40.9149, 37.7831



36.4478, 40.9149, 57.3234

Rectangle

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



43.1247, 40.9149, 52.0788



43.6072, 40.9149, 40.3063



34.9390, 40.9149, 37.7831



34.5229, 40.9149, 49.0802

Sweetspot

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



43.1259, 40.9167, 52.0797



83.5692, 85.3066, 97.3507



38.3813, 38.4335, 53.5405



17.8527, 18.1191, 20.8602



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.



43.1259, 40.9167, 52.0797



75.3121, 69.6393, 91.9872



41.8626, 40.4114, 45.4272



9.8793, 9.6760, 11.7535



18.7894, 9.1469, 25.2485



0.7501, 0.3639, 1.0632

Inverse Universe

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



43.1259, 40.9167, 52.0797



75.3121, 69.6393, 91.9872



41.6878, 47.5605, 49.8534



9.8793, 9.6760, 11.7535



18.7894, 9.1469, 25.2485



0.7501, 0.3639, 1.0632

Previews

White Background



This preview shows how the XYZ color 43.1247, 40.9149, 52.0788 looks on a white background.

Color Contrast Check

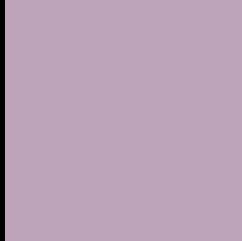
Large Text (above 18pt) WCAG AA × Fail

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 43.1247, 40.9149, 52.0788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

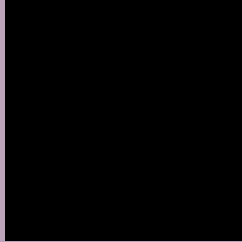
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1247, 40.9149, 52.0788

Background



This preview shows how black text looks on a background with the XYZ color 43.1247, 40.9149, 52.0788.



This preview shows how white text looks on a background with the XYZ color 43.1247, 40.9149,

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

43.1247, 40.9149, 52.0788

Protanopia

40.0312, 40.9022, 54.5002

Deuteranopia

41.8671, 41.0853, 51.6226



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

43.1247, 40.9149, 52.0788

Protanomaly

41.0924, 40.9095, 53.8746

Deuteranomaly

42.4008, 41.0895, 51.5952

Tritanomaly

42.5347, 40.9378, 49.3760

Monochromacy



Original Color

43.1247, 40.9149, 52.0788

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.0010, 41.5475, 47.9780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1247, 40.9149, 52.0788 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, 164, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 164, 186)  
}
```

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, 164, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 164, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.1247, 40.9149, 52.0788 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, 164, 186) }
```


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

```
.border{ border-color:rgb(189, 164, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 164, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 164, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 164, 186); box-shadow:4px 4px 4px 4px rgb(189, 164, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1247, 40.9149, 52.0788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 164, 186) }
```

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

```
.background{ background-color: rgb(189,  
164, 186) }
```

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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