

Converting Colors

XYZ(41.9424, 39.8431, 48.1750)

Have a look what the booklet for
XYZ(41.9424, 39.8431, 48.1750)
contains.

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Color

**XYZ(42.0433, 39.9142,
48.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA2B3
RGB	189, 162, 179
RGB Percent	74%, 64%, 70%
CMY	0.2588, 0.3647, 0.2980
CMYK	0.00, 0.14, 0.05, 0.26
HSL	322°, 17%, 69%
HSV	322°, 14%, 74%
XYZ	42.0433, 39.9142, 48.1361
YIQ	172.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

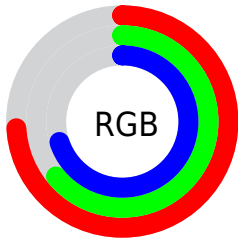
Format	Color
RYB	189, 162, 179
Decimal	12427955
CIELab	69.41, 12.83, -5.10
CIElCh	69, 13.807, 338.310
Yxy	39.9142, 0.3232, 0.3068
Android (android.graphics.Color)	4290618035 (0xFFBDA2B3)
YUV	172.0110, 3.4456, 14.8994
Hunter-Lab	63.1777, 8.2267, -0.9496

Details

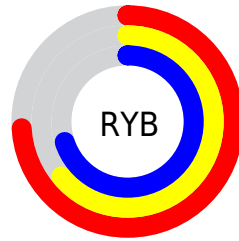
The XYZ color **42.0433, 39.9142, 48.1361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5459, 47.0562, 45.9778**, and the grayscale version is **39.1986, 41.2400, 44.9103**.

A 20% lighter version of the original color is **77.4644, 75.0363, 88.9979**, and **19.4952, 17.8925, 22.1647** is the 20% darker color. If you saturate the color by 10%, you get **38.2711, 33.4738, 43.4738**, and if you desaturate by 10%, it is **46.3542, 47.3732, 53.1563**.

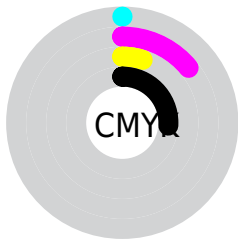
Distribution



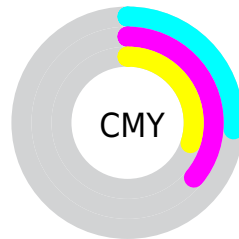
- Red (74%)
- Green (64%)
- Blue (70%)



- Red (74%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0433, 39.9142, 48.1361 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 42.0433, 39.9142, 48.1361 by changing the saturation by 10% instead.

■ 42.0433, 39.9142,
48.1361

■ 42.0433, 39.9142,
48.1361

345.6510,
345.7618, 395.8556

■ 29.3265, 27.4717,
33.5739

■ 77.5299, 75.0328,
88.7747

■ 19.4734, 17.9278,
22.2918

■ 101.0304, 98.4777,
115.6881

■ 12.1189, 10.8981,
13.8711

128.8561,
126.3589, 147.5558

■ 6.8975, 5.9984,
7.8933

161.3724,
159.0606, 184.7961

■ 3.4438, 2.8441,
3.9400

198.9447,
196.9674, 227.8278

■ 1.3926, 1.0509,
1.5925

241.9384,

■ 0.2509, 0.0000,

240.4636, 277.0692

0.2854

290.7186,
289.9336, 332.9390

■ 0.0000, 0.0000,
0.0000

■ 42.0433, 39.9142,
48.1361

■ 42.0433, 39.9142,
48.1361

■ 38.2711, 33.4738,
43.4738

■ 46.3542, 47.3732,
53.1563

■ 35.0113, 28.0021,
39.1566

■ 51.2216, 55.8875,
58.5415

■ 32.2406, 23.4528,
35.1745

■ 56.6669, 65.4985,
64.3018

■ 29.9324, 19.7735,
31.5161

■ 62.7093, 76.2435,
70.4459

■ 28.0575, 16.9070,
28.1687

■ 68.8849, 87.1943,
76.8218

■ 26.5834, 14.7886,
25.1186

■ 69.7986, 87.5598,
81.6333

■ 25.4722, 13.3441,
22.3503

■ 70.7512, 87.9408,
86.6497

■ 24.6787, 12.4837,
19.8456

■ 71.7432, 88.3376,
91.8734

■ 24.3158, 12.1507,
18.5138

■ 72.7750, 88.7503,
97.3068

Harmonies

Analogous

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



40.6453, 39.9142, 53.7749



42.0433, 39.9142, 48.1361



42.3196, 39.9142, 41.7168

Triad

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



42.0433, 39.9142, 48.1361



37.3237, 39.9142, 32.4512



34.6855, 39.9142, 51.4870

Complementary

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



42.0433, 39.9142, 48.1361



40.5459, 47.0562, 45.9778

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.



33.8684, 39.9142, 45.2507



42.0433, 39.9142, 48.1361



35.3522, 39.9142, 34.5560

Square

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



42.0433, 39.9142, 48.1361



39.5368, 39.9142, 33.0617



34.1076, 39.9142, 39.0966



36.3815, 39.9142, 55.8371

Rectangle

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



42.0433, 39.9142, 48.1361



41.8206, 39.9142, 37.9163



34.1076, 39.9142, 39.0966



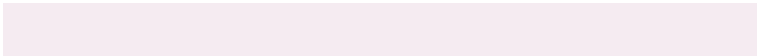
34.3021, 39.9142, 49.5188

Sweetspot

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



42.0445, 39.9160, 48.1370



83.2001, 85.1590, 95.4067



39.0986, 38.2762, 53.4720



17.7588, 18.0816, 20.3658



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.



42.0445, 39.9160, 48.1370



73.1825, 67.8540, 83.6507



40.7543, 39.3999, 41.3433



9.7760, 9.6347, 11.2092



16.3981, 8.1904, 12.6560



0.6729, 0.3331, 0.6569

Inverse Universe

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



42.0445, 39.9160, 48.1370



73.1825, 67.8540, 83.6507



41.8985, 47.5973, 53.1004



9.7760, 9.6347, 11.2092



16.3981, 8.1904, 12.6560



0.6729, 0.3331, 0.6569

Previews

White Background



This preview shows how the XYZ color 42.0433, 39.9142, 48.1361 looks on a white background.

Color Contrast Check

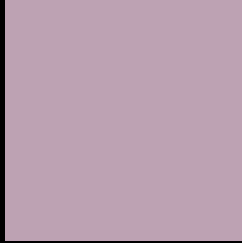
Large Text (above 18pt) WCAG AA × Fail

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 42.0433, 39.9142, 48.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

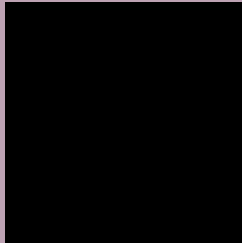
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0433, 39.9142, 48.1361

Background



This preview shows how black text looks on a background with the XYZ color 42.0433, 39.9142, 48.1361.



This preview shows how white text looks on a background with the XYZ color 42.0433, 39.9142,

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

42.0433, 39.9142, 48.1361

Protanopia

39.0974, 40.2298, 50.5042

Deuteranopia

40.7824, 40.0697, 47.7042



Tritanopia

41.5741, 39.9809, 46.0833

Trichromacy



Original Color

42.0433, 39.9142, 48.1361

Protanomaly

39.9842, 39.8799, 49.8462

Deuteranomaly

41.3189, 40.0796, 47.6779

Tritanomaly

41.6727, 40.0203, 46.6026

Monochromacy



Original Color

42.0433, 39.9142, 48.1361

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1006, 40.5654, 46.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0433, 39.9142, 48.1361 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, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(189, 162, 179)  
}
```

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, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 162, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.0433, 39.9142, 48.1361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

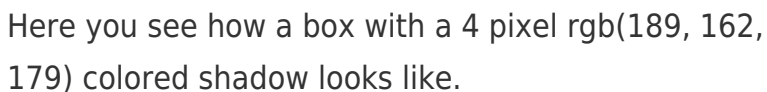
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 162, 179) }
```


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

```
.border{ border-color:rgb(189, 162, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 162, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 162, 179); box-shadow:4px 4px 4px 4px rgb(189, 162, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0433, 39.9142, 48.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 162, 179) }
```

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

```
.background{ background-color: rgb(189,  
162, 179) }
```

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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