

Converting Colors

XYZ(43.8067, 42.8142, 68.9059)

Have a look what the booklet for
XYZ(43.8067, 42.8142, 68.9059)
contains.

XYZ(43.8067, 42.8142, 68.9059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.8067, 42.8142,
68.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	ADABD5
RGB	173, 171, 213
RGB Percent	68%, 67%, 84%
CMY	0.3216, 0.3294, 0.1647
CMYK	0.19, 0.20, 0.00, 0.16
HSL	243°, 33%, 75%
HSV	243°, 20%, 84%
XYZ	43.8067, 42.8142, 68.9059
YIQ	176.3860, -12.2900, 13.4860

Conversions

Conversions Part 2

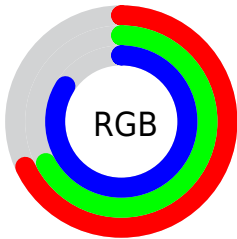
Format	Color
R _{YB}	173, 171, 213
Decimal	11381717
CIE Lab	71.43, 9.37, -20.97
CIE LCh	71, 22.971, 294.086
Yxy	42.8142, 0.2817, 0.2753
Android (android.graphics.Color)	4289571797 (0xFFADABD5)
YUV	176.3860, 18.0507, -2.9695
Hunter-Lab	65.4326, 4.9977, -16.6345

Details

The XYZ color **43.8067, 42.8142, 68.9059** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.0105, 64.3788, 47.8990**, and the grayscale version is **41.3827, 43.5378, 47.4126**.

A 20% lighter version of the original color is **77.5595, 78.2707, 105.6277**, and **20.5141, 19.6553, 35.0604** is the 20% darker color. If you saturate the color by 10%, you get **35.9527, 33.2671, 67.4778**, and if you desaturate by 10%, it is **52.9929, 54.0126, 70.5839**.

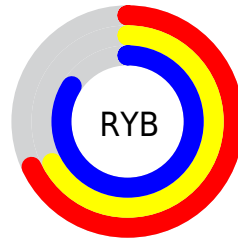
Distribution



Red (68%)

Green (67%)

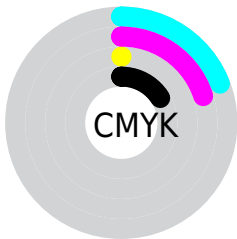
Blue (84%)



Red (68%)

Yellow (67%)

Blue (84%)

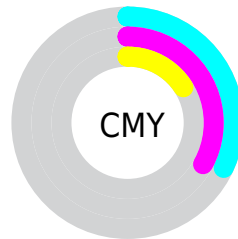


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8067, 42.8142, 68.9059 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 43.8067, 42.8142, 68.9059 by changing the saturation by 10% instead.

■ 43.8067, 42.8142,
68.9059

■ 43.8067, 42.8142,
68.9059

352.7844,
357.8471, 475.3840

■ 30.7158, 29.7394,
50.1638

■ 80.1749, 79.4304,
119.3136

■ 20.5333, 19.6408,
35.1715

104.1830,
103.7406, 151.8163

■ 12.8938, 12.1342,
23.5104

132.5609,
132.5646, 189.7429

■ 7.4320, 6.8352,
14.7620

165.6739,
166.2870, 233.5120

■ 3.7824, 3.3592,
8.5078

203.8874,
205.2920, 283.5421

■ 1.5798, 1.3220,
4.3291

247.5668,

■ 0.3792, 0.1582,

249.9641, 340.2518

1.8076

297.0773,
300.6877, 404.0595

■ 0.0000, 0.0000,
0.4330

■ 0.0000, 0.0000,
0.0000

■ 43.8067, 42.8142,
68.9059

■ 43.8067, 42.8142,
68.9059

■ 35.9527, 33.2671,
67.4778

■ 52.9929, 54.0126,
70.5839

■ 29.3652, 25.2882,
66.2849

■ 63.5647, 66.9296,
72.5200

■ 23.9790, 18.7952,
65.3155

■ 75.5779, 81.6352,
74.7253

■ 19.7216, 13.6962,
64.5557

■ 88.6981, 97.4231,
77.0812

■ 16.5127, 9.8891,
63.9900

■ 89.0104, 97.5841,
77.0958

■ 14.2611, 7.2579,
63.6008

■ 12.8603, 5.6655,
63.3672

■ 12.1511, 4.8864,
63.2542

■ 12.1372, 4.8695,
63.2517

Harmonies

Analogous

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



39.9317, 42.8142, 71.1913



43.8067, 42.8142, 68.9059



47.0229, 42.8142, 60.2689

Triad

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



43.8067, 42.8142, 68.9059



45.2165, 42.8142, 31.3996



33.7315, 42.8142, 44.4558

Complementary

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



43.8067, 42.8142, 68.9059



58.0105, 64.3788, 47.8990

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.



34.9594, 42.8142, 35.2006



43.8067, 42.8142, 68.9059



41.4652, 42.8142, 28.4699

Square

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



43.8067, 42.8142, 68.9059



47.8722, 42.8142, 38.4496



37.7316, 42.8142, 29.7424



34.2711, 42.8142, 55.8670

Rectangle

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



43.8067, 42.8142, 68.9059



48.2776, 42.8142, 52.7085



37.7316, 42.8142, 29.7424



33.9487, 42.8142, 41.0146

Sweetspot

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



43.8080, 42.8160, 68.9069



85.2024, 87.9639, 107.0958



52.2497, 60.3503, 71.8464



18.0175, 18.5600, 22.8828



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8080, 42.8160, 68.9069



60.2477, 57.5460, 102.5398



48.6691, 45.3219, 69.1344



11.7967, 12.0366, 15.6391



7.4381, 2.9870, 38.6377



0.4683, 0.1903, 2.3314

Inverse Universe

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



53.7628, 47.9770, 68.0570



78.0720, 66.7885, 100.9458



52.5316, 61.5544, 47.6426



12.9263, 12.6220, 15.5522



23.3479, 11.2755, 35.4659



1.4163, 0.6833, 2.1815

Previews

White Background



This preview shows how the XYZ color 43.8067, 42.8142, 68.9059 looks on a white background.

Color Contrast Check

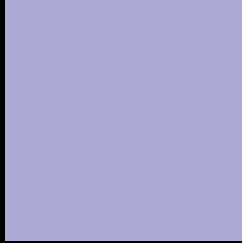
Large Text (above 18pt) WCAG AA × Fail

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 43.8067, 42.8142, 68.9059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

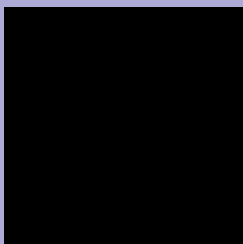
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8067, 42.8142, 68.9059

Background



This preview shows how black text looks on a background with the XYZ color 43.8067, 42.8142, 68.9059.



This preview shows how white text looks on a background with the XYZ color 43.8067, 42.8142,

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

43.8067, 42.8142, 68.9059

Protanopia

42.5982, 42.7415, 69.6231

Deuteranopia

43.8067, 42.8142, 68.9059



Tritanopia

40.8775, 42.7691, 54.2449

Trichromacy



Original Color

43.8067, 42.8142, 68.9059

Protanomaly

43.0386, 42.6849, 69.5890

Deuteranomaly

43.8067, 42.8142, 68.9059

Tritanomaly

41.9067, 42.8954, 59.4970

Monochromacy



Original Color

43.8067, 42.8142, 68.9059

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0006, 43.0602, 54.2419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8067, 42.8142, 68.9059 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(173, 171, 213)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 213)  
}
```

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(173, 171, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 213) }
```

Border

The CSS property to change the border of an element to XYZ 43.8067, 42.8142, 68.9059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

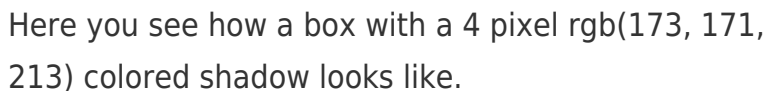
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 171, 213) }
```


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

```
.border{ border-color:rgb(173, 171, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 171, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 213);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8067, 42.8142, 68.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 213) }
```

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

```
.background{ background-color: rgb(173,  
171, 213) }
```

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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