

Converting Colors

XYZ(43.9540, 42.7483, 69.5812)

Have a look what the booklet for
XYZ(43.9540, 42.7483, 69.5812)
contains.

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Color

**XYZ(43.9341, 42.8651,
69.5765)**

Conversions

Conversions Part 1

Format	Color
Hex	ADABD6
RGB	173, 171, 214
RGB Percent	68%, 67%, 84%
CMY	0.3216, 0.3294, 0.1608
CMYK	0.19, 0.20, 0.00, 0.16
HSL	243°, 34%, 75%
HSV	243°, 20%, 84%
XYZ	43.9341, 42.8651, 69.5765
YIQ	176.5000, -12.6110, 13.7970

Conversions

Conversions Part 2

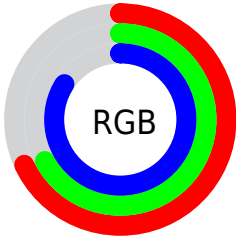
Format	Color
R_{YB}	173, 171, 214
Decimal	11381718
CIE Lab	71.46, 9.60, -21.47
CIE LCh	71, 23.515, 294.093
Yxy	42.8651, 0.2810, 0.2741
Android (android.graphics.Color)	4289571798 (0xFFADABD6)
YUV	176.5000, 18.4875, -3.0695
Hunter-Lab	65.4714, 5.2060, -17.1775

Details

The XYZ color **43.9341, 42.8651, 69.5765** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.5499, 65.0315, 47.9964**, and the grayscale version is **41.4401, 43.5982, 47.4785**.

A 20% lighter version of the original color is **77.5595, 78.2707, 105.6277**, and **20.6006, 19.6899, 35.5157** is the 20% darker color. If you saturate the color by 10%, you get **36.0419, 33.2747, 68.1420**, and if you desaturate by 10%, it is **53.1726, 54.1231, 71.2633**.

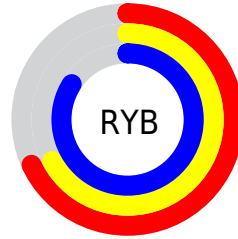
Distribution



Red (68%)

Green (67%)

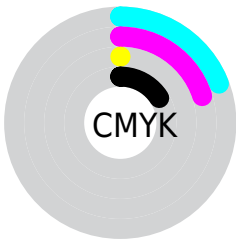
Blue (84%)



Red (68%)

Yellow (67%)

Blue (84%)

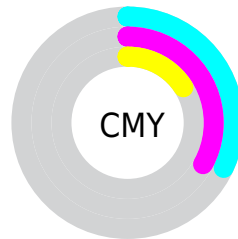


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9341, 42.8651, 69.5765 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 43.9341, 42.8651, 69.5765 by changing the saturation by 10% instead.

■ 43.9341, 42.8651,
69.5765

■ 43.9341, 42.8651,
69.5765

353.2960,
358.0567, 477.8105

■ 30.8164, 29.7793,
50.7067

■ 80.3655, 79.5073,
120.2801

■ 20.6102, 19.6711,
35.6001

104.4100,
103.8324, 152.9509

■ 12.9502, 12.1562,
23.8383

132.8274,
132.6727, 191.0591

■ 7.4710, 6.8502,
15.0026

165.9831,
166.4127, 235.0233

■ 3.8073, 3.3686,
8.6746

204.2424,
205.4367, 285.2620

■ 1.5937, 1.3270,
4.4356

247.9708,

■ 0.3883, 0.1620,

250.1291, 342.1938

1.8672

297.5336,
300.8743, 406.2371

■ 0.0000, 0.0000,
0.4718

■ 0.0000, 0.0000,
0.0000

■ 43.9341, 42.8651,
69.5765

■ 43.9341, 42.8651,
69.5765

■ 36.0419, 33.2747,
68.1420

■ 53.1726, 54.1231,
71.2633

■ 29.4292, 25.2676,
66.9450

■ 63.8118, 67.1171,
73.2106

■ 24.0299, 18.7603,
65.9736

■ 75.9080, 81.9181,
75.4300

■ 19.7701, 13.6593,
65.2135

■ 88.9995, 97.5638,
77.7599

■ 16.5680, 9.8609,
64.6491

■ 89.1377, 97.6351,
77.7664

■ 14.3309, 7.2468,
64.2624

■ 12.9499, 5.6774,
64.0323

■ 12.2622, 4.9193,
63.9222

Harmonies

Analogous

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



39.9625, 42.8651, 71.9335



43.9341, 42.8651, 69.5765



47.2343, 42.8651, 60.6844

Triad

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



43.9341, 42.8651, 69.5765



45.3786, 42.8651, 31.1276



33.6195, 42.8651, 44.4617

Complementary

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



43.9341, 42.8651, 69.5765



58.5499, 65.0315, 47.9964

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.



34.8737, 42.8651, 35.0033



43.9341, 42.8651, 69.5765



41.5316, 42.8651, 28.1493

Square

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



43.9341, 42.8651, 69.5765



48.1054, 42.8651, 38.3151



37.7084, 42.8651, 29.4437



34.1712, 42.8651, 56.1653

Rectangle

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



43.9341, 42.8651, 69.5765



48.5224, 42.8651, 52.9163



37.7084, 42.8651, 29.4437



33.8412, 42.8651, 40.9408

Sweetspot

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



43.9355, 42.8669, 69.5775



85.1968, 87.9610, 107.0956



52.6188, 60.8848, 72.5976



18.0162, 18.5593, 22.8827



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.



43.9355, 42.8669, 69.5775



60.2303, 57.5370, 102.5390



48.9330, 45.4432, 69.8113



11.7955, 12.0360, 15.6390



7.4358, 2.9858, 38.6376



0.4677, 0.1900, 2.3313

Inverse Universe

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



54.1794, 48.1771, 68.7325



78.0826, 66.7927, 101.0015



52.9011, 62.1194, 47.7320



12.9269, 12.6223, 15.5555



23.3646, 11.2822, 35.5537



1.4171, 0.6836, 2.1859

Previews

White Background



This preview shows how the XYZ color 43.9341, 42.8651, 69.5765 looks on a white background.

Color Contrast Check

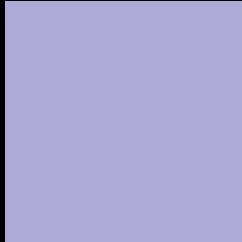
Large Text (above 18pt) WCAG AA × Fail

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 43.9341, 42.8651, 69.5765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

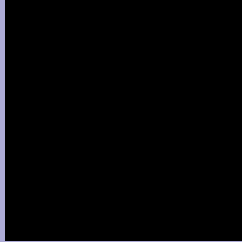
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9341, 42.8651, 69.5765

Background



This preview shows how black text looks on a background with the XYZ color 43.9341, 42.8651, 69.5765.



This preview shows how white text looks on a background with the XYZ color 43.9341, 42.8651,

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

43.9341, 42.8651, 69.5765

Protanopia

42.8553, 42.8443, 70.9768

Deuteranopia

43.7138, 42.7515, 69.5662



Tritanopia

40.8775, 42.7691, 54.2449

Trichromacy



Original Color

43.9341, 42.8651, 69.5765

Protanomaly

43.1667, 42.7362, 70.2638

Deuteranomaly

43.7138, 42.7515, 69.5662

Tritanomaly

41.9067, 42.8954, 59.4970

Monochromacy



Original Color

43.9341, 42.8651, 69.5765

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.5287, 43.6078, 54.8908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9341, 42.8651, 69.5765 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 214) }
```

Border

The CSS property to change the border of an element to XYZ 43.9341, 42.8651, 69.5765 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, 214) }
```


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

```
.border{ border-color:rgb(173, 171, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9341, 42.8651, 69.5765 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, 214) }
```

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

```
.background{ background-color: rgb(173,  
171, 214) }
```

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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