

Converting Colors

XYZ(44.5116, 43.2619, 69.7575)

Have a look what the booklet for
XYZ(44.5116, 43.2619, 69.7575)
contains.

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Color

**XYZ(44.3797, 43.0948,
69.5974)**

Conversions

Conversions Part 1

Format	Color
Hex	AFABD6
RGB	175, 171, 214
RGB Percent	69%, 67%, 84%
CMY	0.3137, 0.3294, 0.1608
CMYK	0.18, 0.20, 0.00, 0.16
HSL	246°, 34%, 75%
HSV	246°, 20%, 84%
XYZ	44.3797, 43.0948, 69.5974
YIQ	177.0980, -11.4190, 14.2210

Conversions

Conversions Part 2

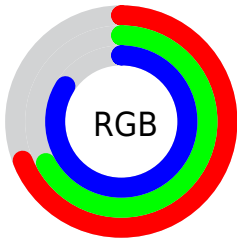
Format	Color
RYB	175, 171, 214
Decimal	11512790
CIELab	71.62, 10.23, -21.21
CIELCh	72, 23.552, 295.743
Yxy	43.0948, 0.2825, 0.2744
Android (android.graphics.Color)	4289702870 (0xFFAFABD6)
YUV	177.0980, 18.1927, -1.8399
Hunter-Lab	65.6466, 5.7914, -16.9056

Details

The XYZ color **44.3797, 43.0948, 69.5974** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.9770, 64.7361, 47.9696**, and the grayscale version is **41.7543, 43.9287, 47.8384**.

A 20% lighter version of the original color is **78.2014, 78.6016, 105.6577**, and **20.8809, 19.8344, 35.5288** is the 20% darker color. If you saturate the color by 10%, you get **36.6125, 33.5688, 68.1688**, and if you desaturate by 10%, it is **53.4303, 54.2560, 71.2754**.

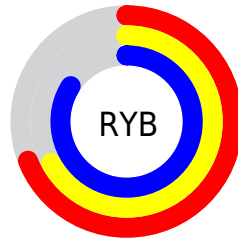
Distribution



Red (69%)

Green (67%)

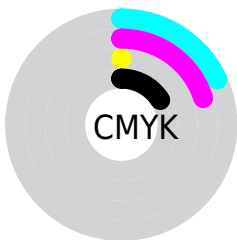
Blue (84%)



Red (69%)

Yellow (67%)

Blue (84%)

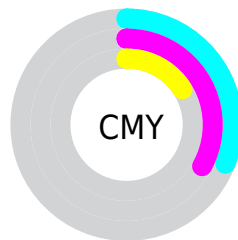


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3797, 43.0948, 69.5974 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 44.3797, 43.0948, 69.5974 by changing the saturation by 10% instead.

■ 44.3797, 43.0948,
69.5974

■ 44.3797, 43.0948,
69.5974

355.0816,
359.0015, 477.8860

■ 31.1683, 29.9595,
50.7236

■ 81.0316, 79.8539,
120.3102

■ 20.8795, 19.8079,
35.6135

105.2028,
104.2465, 152.9862

■ 13.1479, 12.2554,
23.8485

133.7581,
133.1603, 191.1001

■ 7.6082, 6.9179,
15.0101

167.0627,
166.9797, 235.0704

■ 3.8950, 3.4108,
8.6798

205.4819,
206.0892, 285.3156

■ 1.6429, 1.3498,
4.4390

249.3813,

■ 0.4201, 0.1793,

250.8730, 342.2542

1.8691

299.1261,
301.7157, 406.3048

■ 0.0000, 0.0000,
0.4730

■ 0.0000, 0.0000,
0.0000

■ 44.3797, 43.0948,
69.5974

■ 44.3797, 43.0948,
69.5974

■ 36.6125, 33.5688,
68.1688

■ 53.4303, 54.2560,
71.2754

■ 30.0664, 25.5961,
66.9749

■ 63.8145, 67.1185,
73.2108

■ 24.6805, 19.0957,
66.0041

■ 75.5847, 81.7515,
75.4149

■ 20.3865, 13.9771,
65.2424

■ 88.2757, 97.1907,
77.7261

■ 17.1093, 10.1399,
64.6745

■ 89.1377, 97.6351,
77.7664

■ 14.7639, 7.4700,
64.2827

■ 13.2513, 5.8328,
64.0465

■ 12.4242, 5.0028,
63.9298

Harmonies

Analogous

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



40.3942, 43.0948, 72.3881



44.3797, 43.0948, 69.5974



47.6262, 43.0948, 60.3926

Triad

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



44.3797, 43.0948, 69.5974



45.4271, 43.0948, 31.0205



33.7837, 43.0948, 45.3127

Complementary

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



44.3797, 43.0948, 69.5974



57.9770, 64.7361, 47.9696

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.



34.9474, 43.0948, 35.6216



44.3797, 43.0948, 69.5974



41.5317, 43.0948, 28.2632

Square

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



44.3797, 43.0948, 69.5974



48.2579, 43.0948, 38.0215



37.7212, 43.0948, 29.8007



34.4382, 43.0948, 57.1153

Rectangle

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



44.3797, 43.0948, 69.5974



48.8454, 43.0948, 52.5378



37.7212, 43.0948, 29.8007



33.9730, 43.0948, 41.7231

Sweetspot

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



44.3811, 43.0966, 69.5984



85.4394, 88.0861, 107.1069



52.0831, 59.8133, 72.4191



18.0732, 18.5887, 22.8854



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.



44.3811, 43.0966, 69.5984



60.9810, 57.9240, 102.5741



49.4886, 45.7296, 69.8374



11.8486, 12.0634, 15.6415



7.5482, 3.0437, 38.6428



0.4930, 0.2030, 2.3325

Inverse Universe

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



53.9287, 48.0768, 67.4119



77.6344, 66.6134, 98.6412



52.3641, 61.8426, 47.7069



12.9009, 12.6119, 15.4184



22.6751, 11.0064, 31.9230



1.3825, 0.6698, 2.0037

Previews

White Background



This preview shows how the XYZ color 44.3797, 43.0948, 69.5974 looks on a white background.

Color Contrast Check

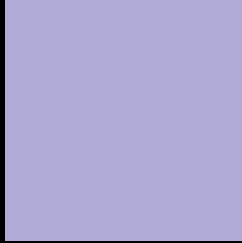
Large Text (above 18pt) WCAG AA × Fail

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 44.3797, 43.0948, 69.5974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

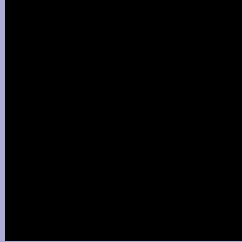
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3797, 43.0948, 69.5974

Background



This preview shows how black text looks on a background with the XYZ color 44.3797, 43.0948, 69.5974.



This preview shows how white text looks on a background with the XYZ color 44.3797, 43.0948,

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

44.3797, 43.0948, 69.5974

Protanopia

43.2566, 43.3370, 71.0507

Deuteranopia

44.1237, 43.2443, 69.6397



Tritanopia

41.3099, 42.9920, 54.2651

Trichromacy



Original Color

44.3797, 43.0948, 69.5974

Protanomaly

43.5715, 43.2285, 70.3374

Deuteranomaly

44.3457, 43.3588, 69.6501

Tritanomaly

42.3424, 43.1200, 59.5174

Monochromacy



Original Color

44.3797, 43.0948, 69.5974

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 44.3797, 43.0948, 69.5974 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(175, 171, 214)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 171, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 214) }
```

Border

The CSS property to change the border of an element to XYZ 44.3797, 43.0948, 69.5974 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(175, 171, 214) }
```


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

```
.border{ border-color:rgb(175, 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(175, 171, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3797, 43.0948, 69.5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 214) }
```

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

```
.background{ background-color: rgb(175,  
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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