

Converting Colors

XYZ(44.0051, 43.9591, 64.7646)

Have a look what the booklet for
XYZ(44.0051, 43.9591, 64.7646)
contains.

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Color

**XYZ(43.9558, 43.8423,
64.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAECE
RGB	175, 174, 206
RGB Percent	69%, 68%, 81%
CMY	0.3137, 0.3176, 0.1922
CMYK	0.15, 0.16, 0.00, 0.19
HSL	242°, 25%, 75%
HSV	242°, 16%, 81%
XYZ	43.9558, 43.8423, 64.5382
YIQ	177.9470, -9.6760, 10.1640

Conversions

Conversions Part 2

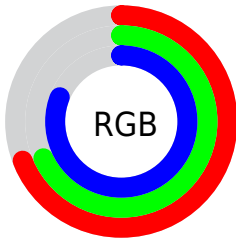
Format	Color
R_{YB}	175, 174, 206
Decimal	11513550
CIE _{Lab}	72.12, 6.82, -16.07
CIE _{LCh}	72, 17.454, 293.000
Yxy	43.8423, 0.2885, 0.2878
Android (android.graphics.Color)	4289703630 (0xFFFAFAECE)
YUV	177.9470, 13.8301, -2.5845
Hunter-Lab	66.2135, 2.6234, -11.4404

Details

The XYZ color **43.9558, 43.8423, 64.5382** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.8897, 60.1789, 48.7692**, and the grayscale version is **42.2228, 44.4217, 48.3753**.

A 20% lighter version of the original color is **79.0243, 80.2475, 105.9320**, and **20.6531, 20.3236, 32.5401** is the 20% darker color. If you saturate the color by 10%, you get **36.1242, 34.3441, 63.1183**, and if you desaturate by 10%, it is **53.0625, 54.9060, 66.1944**.

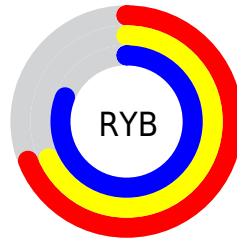
Distribution



Red (69%)

Green (68%)

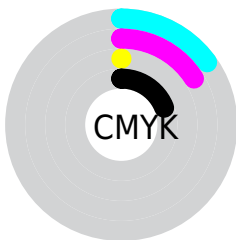
Blue (81%)



Red (69%)

Yellow (68%)

Blue (81%)

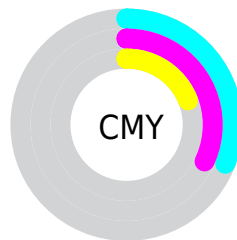


Cyan (15%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (31%)

Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9558, 43.8423, 64.5382 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 43.9558, 43.8423, 64.5382 by changing the saturation by 10% instead.

■ 43.9558, 43.8423,
64.5382

■ 43.9558, 43.8423,
64.5382

353.3831,
362.0644, 459.3913

■ 30.8335, 30.5466,
46.6378

■ 80.3980, 80.9804,
112.9926

■ 20.6233, 20.2538,
32.3971

104.4486,
105.5915, 144.3836

■ 12.9598, 12.5797,
21.3977

132.8727,
134.7432, 181.1086

■ 7.4777, 7.1398,
13.2209

166.0357,
168.8199, 223.5860

■ 3.8116, 3.5497,
7.4483

204.3029,
208.2060, 272.2344

■ 1.5961, 1.4250,
3.6614

248.0396,

■ 0.3899, 0.2350,

253.2858, 327.4724

1.4415

297.6112,
304.4438, 389.7186

■ 0.0000, 0.0000,
0.1737

■ 0.0000, 0.0000,
0.0000

■ 43.9558, 43.8423,
64.5382

■ 43.9558, 43.8423,
64.5382

■ 36.1242, 34.3441,
63.1183

■ 53.0625, 54.9060,
66.1944

■ 29.5070, 26.3357,
61.9213

■ 63.4932, 67.5958,
68.0941

■ 24.0445, 19.7432,
60.9367

■ 75.2996, 81.9755,
70.2474

■ 19.6707, 14.4841,
60.1522

■ 88.0792, 97.2046,
72.5133

■ 16.3125, 10.4677,
59.5539

■ 88.1407, 97.2363,
72.5162

■ 13.8882, 7.5916,
59.1265

■ 12.3033, 5.7375,
58.8522

■ 11.4432, 4.7605,
58.7090

■ 11.2211, 4.4977,
58.6699

Harmonies

Analogous

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



40.9746, 43.8423, 65.9981



43.9558, 43.8423, 64.5382



46.4288, 43.8423, 58.3378

Triad

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



43.9558, 43.8423, 64.5382



45.2243, 43.8423, 35.7667



36.2253, 43.8423, 45.7598

Complementary

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



43.9558, 43.8423, 64.5382



54.8897, 60.1789, 48.7692

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.



37.2495, 43.8423, 38.5048



43.9558, 43.8423, 64.5382



42.3748, 43.8423, 33.1991

Square

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



43.9558, 43.8423, 64.5382



47.1853, 43.8423, 41.5930



39.4664, 43.8423, 34.1381



36.6036, 43.8423, 54.4576

Rectangle

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



43.9558, 43.8423, 64.5382



47.4091, 43.8423, 52.7102



39.4664, 43.8423, 34.1381



36.4153, 43.8423, 43.0866

Sweetspot

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



43.9571, 43.8441, 64.5392



86.7172, 89.8652, 107.3830



50.5406, 57.3422, 66.7976



18.3199, 18.9417, 22.9405



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.



43.9571, 43.8441, 64.5392



66.2835, 65.0466, 103.6695



47.6468, 45.7462, 64.7119



10.6336, 10.8604, 14.1062



6.9247, 2.7774, 36.1274



0.3688, 0.1493, 1.8643

Inverse Universe

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



51.6106, 47.8036, 64.2665



81.2516, 72.7910, 103.1052



50.8148, 58.0782, 48.5785



11.6719, 11.3975, 14.0726



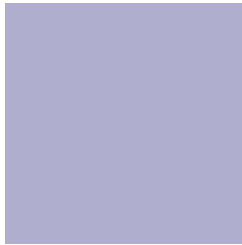
22.0697, 10.6385, 34.4152



1.1434, 0.5508, 1.8010

Previews

White Background



This preview shows how the XYZ color 43.9558, 43.8423, 64.5382 looks on a white background.

Color Contrast Check

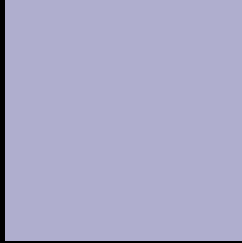
Large Text (above 18pt) WCAG AA × Fail

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 43.9558, 43.8423, 64.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

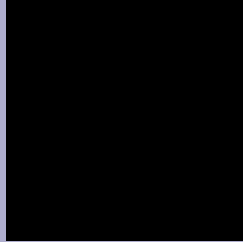
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9558, 43.8423, 64.5382

Background



This preview shows how black text looks on a background with the XYZ color 43.9558, 43.8423, 64.5382.



This preview shows how white text looks on a background with the XYZ color 43.9558, 43.8423,

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

43.9558, 43.8423, 64.5382

Protanopia

43.3870, 43.8229, 65.2034

Deuteranopia

44.7155, 43.6646, 64.4639



Tritanopia

42.1394, 43.9765, 55.5575

Trichromacy



Original Color

43.9558, 43.8423, 64.5382

Protanomaly

43.6057, 43.9356, 65.2136

Deuteranomaly

44.4442, 43.8083, 64.5059

Tritanomaly

42.7227, 43.9204, 58.4503

Monochromacy



Original Color

43.9558, 43.8423, 64.5382

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9307, 44.4222, 53.8886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9558, 43.8423, 64.5382 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, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 206)  
}
```

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, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 206) }
```

Border

The CSS property to change the border of an element to XYZ 43.9558, 43.8423, 64.5382 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, 174, 206) }
```


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

```
.border{ border-color:rgb(175, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9558, 43.8423, 64.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 206) }
```

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

```
.background{ background-color: rgb(175,  
174, 206) }
```

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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