

Converting Colors

XYZ(43.6901, 44.5999, 58.6840)

Have a look what the booklet for
XYZ(43.6901, 44.5999, 58.6840)
contains.

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Color

**XYZ(43.8174, 44.7769,
58.5579)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B1C4
RGB	177, 177, 196
RGB Percent	69%, 69%, 77%
CMY	0.3059, 0.3059, 0.2314
CMYK	0.10, 0.10, 0.00, 0.23
HSL	240°, 14%, 73%
HSV	240°, 10%, 77%
XYZ	43.8174, 44.7769, 58.5579
YIQ	179.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

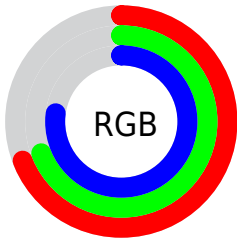
Format	Color
RYB	177, 177, 196
Decimal	11645380
CIELab	72.74, 3.73, -9.64
CIELCh	73, 10.334, 291.178
Yxy	44.7769, 0.2978, 0.3043
Android (android.graphics.Color)	4289835460 (0xFFB1B1C4)
YUV	179.1660, 8.2992, -1.8996
Hunter-Lab	66.9155, -0.2175, -5.0439

Details

The XYZ color **43.8174, 44.7769, 58.5579** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4409, 54.3896, 49.4356**, and the grayscale version is **42.8968, 45.1307, 49.1474**.

A 20% lighter version of the original color is **80.4728, 82.6933, 104.6485**, and **20.4023, 20.6534, 28.5024** is the 20% darker color. If you saturate the color by 10%, you get **36.0729, 35.4459, 57.1657**, and if you desaturate by 10%, it is **52.7617, 55.5541, 60.1674**.

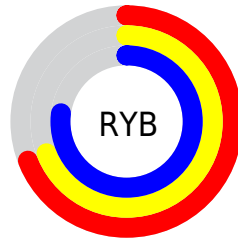
Distribution



Red (69%)

Green (69%)

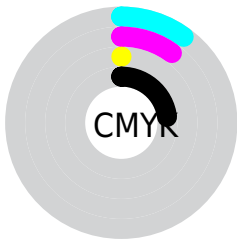
Blue (77%)



Red (69%)

Yellow (69%)

Blue (77%)

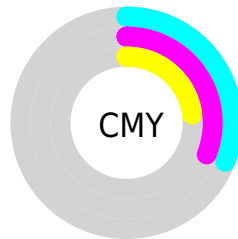


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8174, 44.7769, 58.5579 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 43.8174, 44.7769, 58.5579 by changing the saturation by 10% instead.

■ 43.8174, 44.7769,
58.5579

■ 43.8174, 44.7769,
58.5579

352.8274,
365.8692, 436.9178

■ 30.7243, 31.2817,
41.8397

■ 80.1910, 82.3855,
104.2576

■ 20.5398, 20.8135,
28.6511

104.2021,
107.2678, 134.0762

■ 12.8986, 12.9877,
18.5738

132.5833,
136.7145, 169.0987

■ 7.4352, 7.4201,
11.1890

165.6999,
171.1101, 209.7435

■ 3.7845, 3.7262,
6.0783

203.9172,
210.8390, 256.4293

■ 1.5810, 1.5216,
2.8232

247.6007,

■ 0.3799, 0.3039,

256.2856, 309.5746

1.0051

297.1157,
307.8342, 369.5979

■ 0.0000, 0.0000,
0.0000

■ 43.8174, 44.7769,
58.5579

■ 43.8174, 44.7769,
58.5579

■ 36.0729, 35.4459,
57.1657

■ 52.7617, 55.5541,
60.1674

■ 29.4734, 27.4941,
55.9787

■ 62.9495, 67.8292,
61.9998

■ 23.9659, 20.8579,
54.9881

■ 74.4273, 81.6586,
64.0642

■ 19.4914, 15.4665,
54.1832

■ 86.9639, 96.7656,
66.3194

■ 15.9856, 11.2422,
53.5526

■ 13.3770, 8.0988,
53.0834

■ 11.5840, 5.9382,
52.7609

■ 10.5106, 4.6446,
52.5677

■ 9.9782, 4.0030,
52.4720

Harmonies

Analogous

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



42.0323, 44.7769, 59.1819



43.8174, 44.7769, 58.5579



45.3034, 44.7769, 55.2131

Triad

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



43.8174, 44.7769, 58.5579



44.7583, 44.7769, 41.4561



39.2408, 44.7769, 47.2551

Complementary

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



43.8174, 44.7769, 58.5579



50.4409, 54.3896, 49.4356

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.



39.9280, 44.7769, 42.8202



43.8174, 44.7769, 58.5579



43.0903, 44.7769, 39.6299

Square

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



43.8174, 44.7769, 58.5579



45.8571, 44.7769, 45.2721



41.3251, 44.7769, 40.1111



39.4232, 44.7769, 52.4109

Rectangle

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



43.8174, 44.7769, 58.5579



45.9081, 44.7769, 52.0114



41.3251, 44.7769, 40.1111



39.3771, 44.7769, 45.6363

Sweetspot

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



43.8187, 44.7788, 58.5589



89.8995, 93.7942, 107.9736



47.7999, 52.7988, 59.7083



18.9551, 19.7299, 23.0592



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.



43.8187, 44.7788, 58.5589



75.6789, 76.6600, 105.4159



45.9810, 45.8928, 58.6599



9.5284, 9.7482, 12.6642



6.4024, 2.5613, 33.7136



0.2767, 0.1107, 1.4567

Inverse Universe

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



46.4239, 46.3553, 48.0978



81.5127, 80.1903, 81.9906



48.1252, 53.1966, 49.3274



10.0733, 10.0779, 10.4765



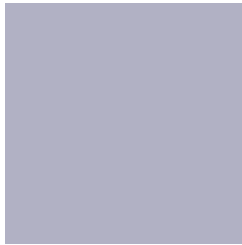
14.6276, 7.5408, 0.6851



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 43.8174, 44.7769, 58.5579 looks on a white background.

Color Contrast Check

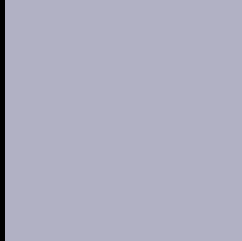
Large Text (above 18pt) WCAG AA × Fail

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 43.8174, 44.7769, 58.5579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

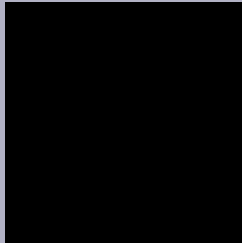
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8174, 44.7769, 58.5579

Background



This preview shows how black text looks on a background with the XYZ color 43.8174, 44.7769, 58.5579.



This preview shows how white text looks on a background with the XYZ color 43.8174, 44.7769,

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

43.8174, 44.7769, 58.5579

Protanopia

43.5904, 44.6599, 58.5473

Deuteranopia

45.7076, 44.8681, 59.0747



Tritanopia

43.3393, 44.8767, 56.2470

Trichromacy



Original Color

43.8174, 44.7769, 58.5579

Protanomaly

43.5904, 44.6599, 58.5473

Deuteranomaly

44.9365, 44.7584, 59.0942

Tritanomaly

43.4505, 44.9212, 56.8326

Monochromacy



Original Color

43.8174, 44.7769, 58.5579

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.0374, 44.8085, 52.2795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8174, 44.7769, 58.5579 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(177, 177, 196)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 196)  
}
```

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(177, 177, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.8174, 44.7769, 58.5579 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(177, 177, 196) }
```


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

```
.border{ border-color:rgb(177, 177, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 196);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8174, 44.7769, 58.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 196) }
```

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

```
.background{ background-color: rgb(177,  
177, 196) }
```

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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