

Converting Colors

XYZ(44.4491, 44.4078, 58.2610)

Have a look what the booklet for
XYZ(44.4491, 44.4078, 58.2610)
contains.

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Color

**XYZ(44.5852, 44.5906,
58.4815)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AFC4
RGB	182, 175, 196
RGB Percent	71%, 69%, 77%
CMY	0.2863, 0.3137, 0.2314
CMYK	0.07, 0.11, 0.00, 0.23
HSL	260°, 15%, 73%
HSV	260°, 11%, 77%
XYZ	44.5852, 44.5906, 58.4815
YIQ	179.4870, -2.5690, 8.0150

Conversions

Conversions Part 2

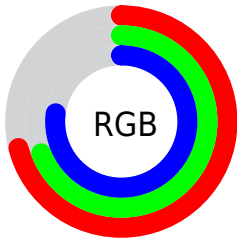
Format	Color
RYB	182, 175, 196
Decimal	11972548
CIELab	72.62, 6.51, -9.78
CIELCh	73, 11.745, 303.646
Yxy	44.5906, 0.3020, 0.3020
Android (android.graphics.Color)	4290162628 (0xFFB6AFC4)
YUV	179.4870, 8.1409, 2.2039
Hunter-Lab	66.7762, 2.3227, -5.1819

Details

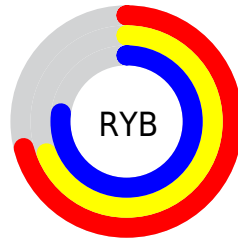
The XYZ color **44.5852, 44.5906, 58.4815** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.4657, 53.3950, 48.3115**, and the grayscale version is **43.0676, 45.3105, 49.3431**.

A 20% lighter version of the original color is **81.5654, 82.4208, 104.5384**, and **21.0187, 20.7860, 28.4955** is the 20% darker color. If you saturate the color by 10%, you get **38.1005, 35.9907, 57.1640**, and if you desaturate by 10%, it is **51.9143, 54.4502, 59.9990**.

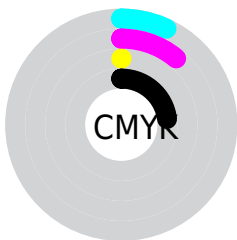
Distribution



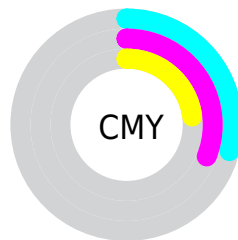
- Red (71%)
- Green (69%)
- Blue (77%)



- Red (71%)
- Yellow (69%)
- Blue (77%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (29%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5852, 44.5906, 58.4815 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 44.5852, 44.5906, 58.4815 by changing the saturation by 10% instead.

■ 44.5852, 44.5906,
58.4815

■ 44.5852, 44.5906,
58.4815

355.9030,
365.1129, 436.6260

■ 31.3307, 31.1351,
41.7786

■ 81.3385, 82.1057,
104.1454

■ 21.0039, 20.7017,
28.6037

105.5681,
106.9341, 133.9435

■ 13.2393, 12.9062,
18.5382

134.1867,
136.3222, 168.9437

■ 7.6717, 7.3640,
11.1637

167.5597,
170.6545, 209.5646

■ 3.9356, 3.6907,
6.0615

206.0525,
210.3153, 256.2248

■ 1.6658, 1.5021,
2.8131

250.0304,

■ 0.4347, 0.2902,

255.6891, 309.3427

1.0000

299.8588,
307.1602, 369.3369

■ 0.0000, 0.0000,
0.0000

■ 44.5852, 44.5906,
58.4815

■ 44.5852, 44.5906,
58.4815

■ 38.1005, 35.9907,
57.1640

■ 51.9143, 54.4502,
59.9990

■ 32.4247, 28.5932,
56.0353

■ 60.1137, 65.6123,
61.7213

■ 27.5253, 22.3449,
55.0875

■ 69.2130, 78.1247,
63.6569

■ 23.3664, 17.1863,
54.3110

■ 79.2392, 92.0310,
65.8126

■ 19.9085, 13.0522,
53.6953

■ 84.2030, 95.3422,
66.1902

■ 17.1087, 9.8706,
53.2287

■ 86.9639, 96.7656,
66.3194

■ 14.9183, 7.5592,
52.8980

■ 13.2809, 6.0216,
52.6875

■ 12.1650, 5.1202,
52.5724

Harmonies

Analogous

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



42.6311, 44.5906, 60.6044



44.5852, 44.5906, 58.4815



45.9826, 44.5906, 53.6934

Triad

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



44.5852, 44.5906, 58.4815



44.1413, 44.5906, 39.1941



38.5990, 44.5906, 49.2670

Complementary

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



44.5852, 44.5906, 58.4815



48.4657, 53.3950, 48.3115

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.



38.9745, 44.5906, 43.7490



44.5852, 44.5906, 58.4815



42.1339, 44.5906, 38.2131

Square

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



44.5852, 44.5906, 58.4815



45.7206, 44.5906, 42.6086



40.2527, 44.5906, 39.8146



39.2101, 44.5906, 55.0230

Rectangle

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



44.5852, 44.5906, 58.4815



46.3874, 44.5906, 49.8013



40.2527, 44.5906, 39.8146



38.6141, 44.5906, 47.3229

Sweetspot

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



44.5865, 44.5925, 58.4825



90.8062, 94.2612, 108.0160



45.9176, 49.6469, 59.3879



19.1988, 19.8554, 23.0705



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.



44.5865, 44.5925, 58.4825



77.7022, 76.6892, 105.3149



47.0714, 45.8735, 58.5988



9.8375, 9.9074, 12.6787



7.8988, 3.3324, 33.7835



0.4153, 0.1821, 1.4631

Inverse Universe

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



47.2818, 46.0719, 54.5471



83.6434, 79.9517, 96.5741



46.0351, 52.1420, 48.1978



10.3500, 10.1886, 11.9335



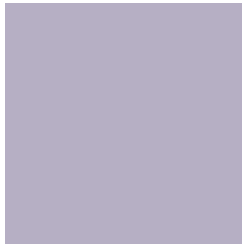
17.2873, 8.6047, 14.6910



0.7778, 0.3841, 0.7974

Previews

White Background



This preview shows how the XYZ color 44.5852, 44.5906, 58.4815 looks on a white background.

Color Contrast Check

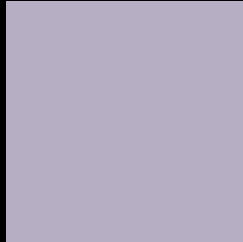
Large Text (above 18pt) WCAG AA × Fail

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 44.5852, 44.5906, 58.4815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

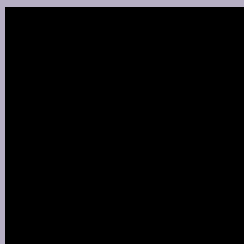
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5852, 44.5906, 58.4815

Background



This preview shows how black text looks on a background with the XYZ color 44.5852, 44.5906, 58.4815.



This preview shows how white text looks on a background with the XYZ color 44.5852, 44.5906,

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

44.5852, 44.5906, 58.4815

Protanopia

43.7047, 44.7056, 59.1489

Deuteranopia

45.4009, 44.4375, 58.4090



Tritanopia

43.8757, 44.5921, 55.0098

Trichromacy



Original Color

44.5852, 44.5906, 58.4815

Protanomaly

43.9635, 44.5469, 59.1046

Deuteranomaly

45.1074, 44.5719, 58.4504

Tritanomaly

44.0958, 44.6802, 56.1692

Monochromacy



Original Color

44.5852, 44.5906, 58.4815

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.4997, 45.0469, 52.3012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5852, 44.5906, 58.4815 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(182, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 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(182, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.5852, 44.5906, 58.4815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

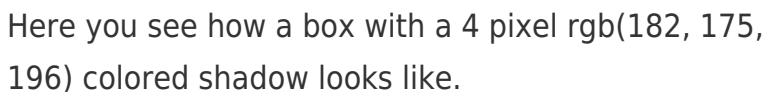
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 175, 196) }
```


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

```
.border{ border-color:rgb(182, 175, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 175, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 175, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 175, 196); box-shadow:4px 4px 4px 4px rgb(182, 175, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5852, 44.5906, 58.4815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 196) }
```

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

```
.background{ background-color: rgb(182,  
175, 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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