

Converting Colors

XYZ(42.4852, 43.9391, 55.3190)

Have a look what the booklet for
XYZ(42.4852, 43.9391, 55.3190)
contains.

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Color

**XYZ(42.3849, 43.8109,
55.5126)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB0BF
RGB	174, 176, 191
RGB Percent	68%, 69%, 75%
CMY	0.3176, 0.3098, 0.2510
CMYK	0.09, 0.08, 0.00, 0.25
HSL	233°, 12%, 72%
HSV	233°, 9%, 75%
XYZ	42.3849, 43.8109, 55.5126
YIQ	177.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

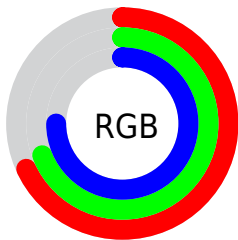
Format	Color
RYB	174, 176, 191
Decimal	11448511
CIELab	72.10, 2.25, -7.87
CIELCh	72, 8.189, 285.934
Yxy	43.8109, 0.2991, 0.3092
Android (android.graphics.Color)	4289638591 (0xFFAEB0BF)
YUV	177.1120, 6.8468, -2.7292
Hunter-Lab	66.1898, -1.5290, -3.3930

Details

The XYZ color **42.3849, 43.8109, 55.5126** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.3237, 50.5274, 47.3039**, and the grayscale version is **41.8173, 43.9950, 47.9106**.

A 20% lighter version of the original color is **78.2782, 81.2516, 99.5531**, and **19.8211, 20.3879, 26.9353** is the 20% darker color. If you saturate the color by 10%, you get **35.3273, 35.5695, 54.2945**, and if you desaturate by 10%, it is **50.4603, 53.1882, 56.8977**.

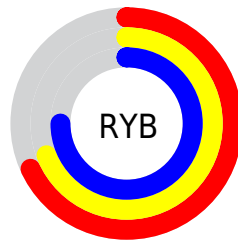
Distribution



Red (68%)

Green (69%)

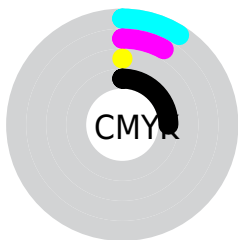
Blue (75%)



Red (68%)

Yellow (69%)

Blue (75%)

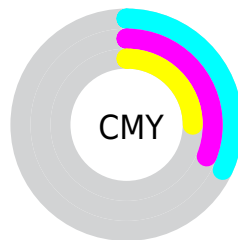


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3849, 43.8109, 55.5126 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 42.3849, 43.8109, 55.5126 by changing the saturation by 10% instead.

■ 42.3849, 43.8109,
55.5126

■ 42.3849, 43.8109,
55.5126

347.0406,
361.9361, 425.1887

■ 29.5952, 30.5219,
39.4109

■ 78.0433, 80.9331,
99.7703

■ 19.6781, 20.2350,
26.7693

101.6428,
105.5351, 128.7633

■ 12.2682, 12.5660,
17.1691

129.5763,
134.6769, 162.8906

■ 7.0001, 7.1304,
10.1919

162.2090,
168.7428, 202.5705

■ 3.5085, 3.5438,
5.4191

199.9065,
208.1173, 248.2218

■ 1.4280, 1.4218,
2.4322

243.0340,

■ 0.2761, 0.2327,

253.1847, 300.2629

0.8039

291.9569,
304.3295, 359.1123

■ 0.0000, 0.0000,
0.0000

■ 42.3849, 43.8109,
55.5126

■ 42.3849, 43.8109,
55.5126

■ 35.3273, 35.5695,
54.2945

■ 50.4603, 53.1882,
56.8977

■ 29.2433, 28.4155,
53.2343

■ 59.5877, 63.7365,
58.4526

■ 24.0911, 22.3048,
52.3264

■ 69.8045, 75.4965,
60.1840

■ 19.8244, 17.1886,
51.5637

■ 81.1452, 88.5049,
62.0972

■ 16.3928, 13.0138,
50.9388

■ 86.4041, 96.5416,
63.3713

■ 13.7409, 9.7224,
50.4432

■ 11.8065, 7.2499,
50.0680

■ 10.5175, 5.5229,
49.8026

■ 9.7642, 4.4429,
49.6338

Harmonies

Analogous

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



40.9896, 43.8109, 55.5847



42.3849, 43.8109, 55.5126



43.6068, 43.8109, 53.2721

Triad

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



42.3849, 43.8109, 55.5126



43.5428, 43.8109, 42.3709



39.0821, 43.8109, 45.8520

Complementary

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



42.3849, 43.8109, 55.5126



47.3237, 50.5274, 47.3039

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.



39.7351, 43.8109, 42.5355



42.3849, 43.8109, 55.5126



42.2991, 43.8109, 40.6033

Square

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



42.3849, 43.8109, 55.5126



44.2854, 43.8109, 45.6158



40.9057, 43.8109, 40.6618



39.1039, 43.8109, 49.8522

Rectangle

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



42.3849, 43.8109, 55.5126



44.1495, 43.8109, 50.9184



40.9057, 43.8109, 40.6618



39.2293, 43.8109, 44.6251

Sweetspot

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



42.3862, 43.8127, 55.5136



84.1510, 88.0442, 100.8381



45.2435, 49.9236, 55.2448



18.2192, 19.0324, 22.0987



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.3862, 43.8127, 55.5136



72.8808, 74.9351, 98.9018



43.4177, 43.7660, 55.4502



9.1046, 9.4015, 12.0070



6.4067, 2.9250, 32.6198



0.2812, 0.1751, 1.2878

Inverse Universe

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



44.4594, 44.4841, 47.3194



77.4777, 76.4450, 80.7286



46.2229, 50.6036, 47.3767



9.5747, 9.5542, 10.1491



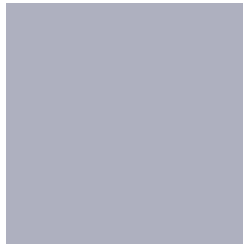
14.2346, 7.3250, 1.2628



0.5728, 0.2930, 0.1299

Previews

White Background



This preview shows how the XYZ color 42.3849, 43.8109, 55.5126 looks on a white background.

Color Contrast Check

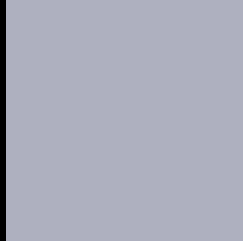
Large Text (above 18pt) WCAG AA × Fail

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 42.3849, 43.8109, 55.5126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

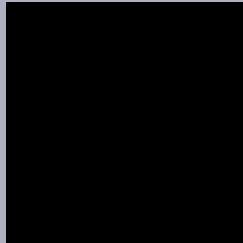
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3849, 43.8109, 55.5126

Background



This preview shows how black text looks on a background with the XYZ color 42.3849, 43.8109, 55.5126.

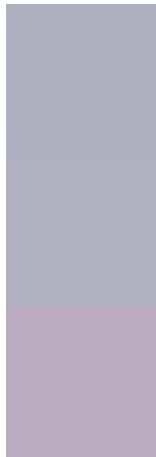


This preview shows how white text looks on a background with the XYZ color 42.3849, 43.8109,

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

42.3849, 43.8109, 55.5126

Protanopia

42.8338, 44.0424, 55.5337

Deuteranopia

44.7605, 43.8756, 55.9789



Tritanopia

42.2752, 43.7670, 54.9349

Trichromacy



Original Color

42.3849, 43.8109, 55.5126

Protanomaly

42.6085, 43.9262, 55.5231

Deuteranomaly

43.7494, 43.6380, 55.9863

Tritanomaly

42.2752, 43.7670, 54.9349

Monochromacy



Original Color

42.3849, 43.8109, 55.5126

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0701, 44.0518, 50.5415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3849, 43.8109, 55.5126 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(174, 176, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 191)  
}
```

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(174, 176, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 191) }
```

Border

The CSS property to change the border of an element to XYZ 42.3849, 43.8109, 55.5126 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(174, 176, 191) }
```


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

```
.border{ border-color:rgb(174, 176, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3849, 43.8109, 55.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 191) }
```

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

```
.background{ background-color: rgb(174,  
176, 191) }
```

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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