

Converting Colors

XYZ(43.0230, 43.8629, 56.6347)

Have a look what the booklet for
XYZ(43.0230, 43.8629, 56.6347)
contains.

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Color

**XYZ(43.0871, 43.8573,
56.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AFC1
RGB	177, 175, 193
RGB Percent	69%, 69%, 76%
CMY	0.3059, 0.3137, 0.2431
CMYK	0.08, 0.09, 0.00, 0.24
HSL	247°, 13%, 72%
HSV	247°, 9%, 76%
XYZ	43.0871, 43.8573, 56.6465
YIQ	177.6500, -4.5860, 6.0220

Conversions

Conversions Part 2

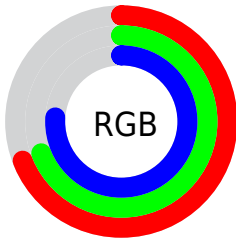
Format	Color
RYB	177, 175, 193
Decimal	11644865
CIELab	72.13, 4.21, -8.90
CIELCh	72, 9.848, 295.324
Yxy	43.8573, 0.3001, 0.3054
Android (android.graphics.Color)	4289834945 (0xFFB1AFC1)
YUV	177.6500, 7.5675, -0.5701
Hunter-Lab	66.2248, 0.2419, -4.3573

Details

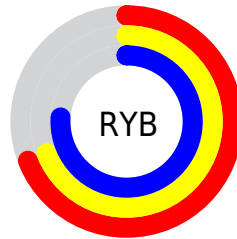
The XYZ color **43.0871, 43.8573, 56.6465** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.2953, 52.3126, 48.1114**, and the grayscale version is **42.0962, 44.2885, 48.2301**.

A 20% lighter version of the original color is **79.0000, 80.7568, 101.0464**, and **20.0553, 20.3151, 27.2903** is the 20% darker color. If you saturate the color by 10%, you get **35.9306, 34.9855, 55.3119**, and if you desaturate by 10%, it is **51.2745, 54.0599, 58.1850**.

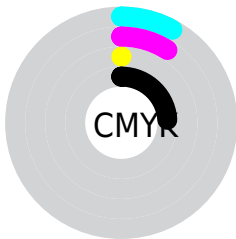
Distribution



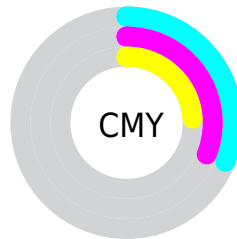
- Red (69%)
- Green (69%)
- Blue (76%)



- Red (69%)
- Yellow (69%)
- Blue (76%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0871, 43.8573, 56.6465 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 43.0871, 43.8573, 56.6465 by changing the saturation by 10% instead.

■ 43.0871, 43.8573,
56.6465

■ 43.0871, 43.8573,
56.6465

349.8853,
362.1256, 429.5800

■ 30.1483, 30.5583,
40.3140

■ 79.0972, 81.0030,
101.4444

■ 20.0998, 20.2628,
27.4678

102.8991,
105.6185, 130.7469

■ 12.5763, 12.5862,
17.6893

131.0529,
134.7749, 165.2099

■ 7.2124, 7.1442,
10.5601

163.9237,
168.8568, 205.2518

■ 3.6428, 3.5525,
5.6614

201.8770,
208.2484, 251.2912

■ 1.5021, 1.4265,
2.5749

245.2781,

■ 0.3273, 0.2361,

253.3341, 303.7467

0.8794

294.4924,
304.4984, 363.0368

■ 0.0000, 0.0000,
0.0000

■ 43.0871, 43.8573,
56.6465

■ 43.0871, 43.8573,
56.6465

■ 35.9306, 34.9855,
55.3119

■ 51.2745, 54.0599,
58.1850

■ 29.7603, 27.3843,
54.1700

■ 60.5273, 65.6392,
59.9323

■ 24.5339, 20.9969,
53.2125

■ 70.8835, 78.6459,
61.8970

■ 20.2046, 15.7604,
52.4300

■ 82.3779, 93.1262,
64.0862

■ 16.7214, 11.6059,
51.8116

■ 86.6258, 96.6303,
64.5387

■ 14.0285, 8.4572,
51.3458

■ 12.0628, 6.2282,
51.0192

■ 10.7517, 4.8181,
50.8161

■ 9.9838, 4.0558,
50.7095

Harmonies

Analogous

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



41.4213, 43.8573, 57.6171



43.0871, 43.8573, 56.6465



44.4083, 43.8573, 53.2325

Triad

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



43.0871, 43.8573, 56.6465



43.5568, 43.8573, 40.5176



38.5368, 43.8573, 47.0002

Complementary

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



43.0871, 43.8573, 56.6465



48.2953, 52.3126, 48.1114

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.



39.0755, 43.8573, 42.6633



43.0871, 43.8573, 56.6465



41.9499, 43.8573, 39.0846

Square

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



43.0871, 43.8573, 56.6465



44.6845, 43.8573, 43.8910



40.3137, 43.8573, 39.8430



38.8229, 43.8573, 51.8354

Rectangle

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



43.0871, 43.8573, 56.6465



44.9004, 43.8573, 50.1442



40.3137, 43.8573, 39.8430



38.6270, 43.8573, 45.4393

Sweetspot

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



43.0884, 43.8592, 56.6475



86.1552, 89.7368, 103.1404



45.9807, 50.3143, 57.7410



18.2254, 18.9302, 22.0786



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.



43.0884, 43.8592, 56.6475



74.6659, 75.4390, 100.9861



45.1583, 44.9262, 56.7443



9.6298, 9.8003, 12.6689



6.6485, 2.6879, 33.7250



0.3227, 0.1344, 1.4588

Inverse Universe

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



46.7278, 45.7609, 55.6622



82.3843, 79.4727, 98.8710



46.1479, 51.2056, 48.0109



10.4476, 10.2276, 12.4475



19.5717, 9.5184, 26.7201



0.8596, 0.4169, 1.2283

Previews

White Background



This preview shows how the XYZ color 43.0871, 43.8573, 56.6465 looks on a white background.

Color Contrast Check

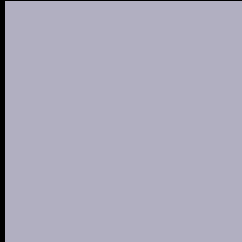
Large Text (above 18pt) WCAG AA × Fail

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 43.0871, 43.8573, 56.6465 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 43.0871, 43.8573, 56.6465

Background



This preview shows how black text looks on a background with the XYZ color 43.0871, 43.8573, 56.6465.



This preview shows how white text looks on a background with the XYZ color 43.0871, 43.8573,

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

43.0871, 43.8573, 56.6465

Protanopia

42.8302, 44.0149, 56.6904

Deuteranopia

44.7398, 43.8392, 57.1427



Tritanopia

42.6151, 43.9549, 54.3822

Trichromacy



Original Color

43.0871, 43.8573, 56.6465

Protanomaly

43.0555, 44.1310, 56.7010

Deuteranomaly

44.2096, 43.8495, 57.1726

Tritanomaly

42.7241, 43.9985, 54.9560

Monochromacy



Original Color

43.0871, 43.8573, 56.6465

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6295, 44.3282, 51.1091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0871, 43.8573, 56.6465 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, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 193)  
}
```

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, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.0871, 43.8573, 56.6465 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, 175, 193) }
```


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

```
.border{ border-color:rgb(177, 175, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0871, 43.8573, 56.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 193) }
```

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

```
.background{ background-color: rgb(177,  
175, 193) }
```

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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