

Converting Colors

XYZ(42.4487, 43.6473, 50.4750)

Have a look what the booklet for
XYZ(42.4487, 43.6473, 50.4750)
contains.

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Color

**XYZ(42.3639, 43.6210,
50.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AFB6
RGB	179, 175, 182
RGB Percent	70%, 69%, 71%
CMY	0.2980, 0.3137, 0.2863
CMYK	0.02, 0.04, 0.00, 0.29
HSL	274°, 5%, 70%
HSV	274°, 4%, 71%
XYZ	42.3639, 43.6210, 50.4429
YIQ	176.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

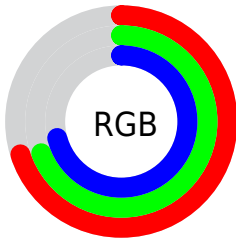
Format	Color
RYB	179, 175, 182
Decimal	11775926
CIELab	71.97, 2.73, -3.07
CIELCh	72, 4.115, 311.652
Yxy	43.6210, 0.3105, 0.3197
Android (android.graphics.Color)	4289966006 (0xFFB3AFB6)
YUV	176.9940, 2.4680, 1.7593
Hunter-Lab	66.0462, -1.0859, 0.9495

Details

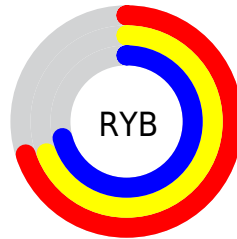
The XYZ color **42.3639, 43.6210, 50.4429** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8275, 46.0172, 47.1845**, and the grayscale version is **41.7752, 43.9508, 47.8624**.

A 20% lighter version of the original color is **78.2695, 80.9870, 92.3957**, and **19.6496, 20.1865, 23.6296** is the 20% darker color. If you saturate the color by 10%, you get **37.3054, 36.1054, 49.2595**, and if you desaturate by 10%, it is **48.0044, 52.1478, 51.7921**.

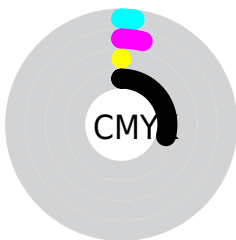
Distribution



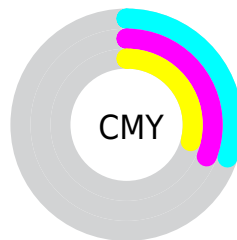
- Red (70%)
- Green (69%)
- Blue (71%)



- Red (70%)
- Yellow (69%)
- Blue (71%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (30%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3639, 43.6210, 50.4429 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 42.3639, 43.6210, 50.4429 by changing the saturation by 10% instead.

■ 42.3639, 43.6210,
50.4429

■ 42.3639, 43.6210,
50.4429

346.9552,
361.1594, 405.1800

■ 29.5787, 30.3727,
35.3918

■ 78.0118, 80.6471,
92.2338

■ 19.6655, 20.1216,
23.6789

101.6052,
105.1937, 119.8107

■ 12.2590, 12.4835,
14.8856

129.5320,
134.2752, 152.3999

■ 6.9938, 7.0739,
8.5934

162.1577,
168.2759, 190.4200

■ 3.5045, 3.5083,
4.3838

199.8474,
207.5803, 234.2895

■ 1.4258, 1.4025,
1.8381

242.9667,

■ 0.2745, 0.2186,

252.5728, 284.4270

0.4529

291.8809,
303.6377, 341.2510

■ 0.0000, 0.0000,
0.0000

■ 42.3639, 43.6210,
50.4429

■ 42.3639, 43.6210,
50.4429

■ 37.3054, 36.1054,
49.2595

■ 48.0044, 52.1478,
51.7921

■ 32.8045, 29.5566,
48.2327

■ 54.2427, 61.7169,
53.3103

■ 28.8405, 23.9351,
47.3566

■ 61.0985, 72.3649,
55.0043

■ 25.3900, 19.1967,
46.6238

■ 68.5897, 84.1249,
56.8794

■ 22.4275, 15.2931,
46.0265

■ 73.1215, 89.8051,
57.7369

19.9252, 12.1715,
45.5558

75.5104, 91.0367,
57.8487

17.8521, 9.7727,
45.2021

78.0107, 92.3256,
57.9657

16.1728, 8.0290,
44.9540

80.6237, 93.6727,
58.0880

14.8450, 6.8586,
44.7981

83.3509, 95.0786,
58.2156

Harmonies

Analogous

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



41.7336, 43.6210, 51.3829



42.3639, 43.6210, 50.4429



42.7547, 43.6210, 48.7230

Triad

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



42.3639, 43.6210, 50.4429



41.8868, 43.6210, 43.9208



40.1526, 43.6210, 48.2808

Complementary

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



42.3639, 43.6210, 50.4429



42.8275, 46.0172, 47.1845

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.



40.1926, 43.6210, 46.2895



42.3639, 43.6210, 50.4429



41.1885, 43.6210, 43.8099

Square

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



42.3639, 43.6210, 50.4429



42.4771, 43.6210, 44.9730



40.5699, 43.6210, 44.6659



40.4602, 43.6210, 50.1113

Rectangle

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



42.3639, 43.6210, 50.4429



42.8242, 43.6210, 47.3845



40.5699, 43.6210, 44.6659



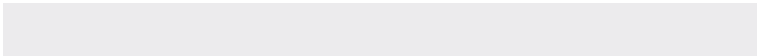
40.1260, 43.6210, 47.6073

Sweetspot

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



42.3652, 43.6229, 50.4439



79.5893, 83.2688, 92.1134



42.0513, 44.3471, 50.6002



17.5905, 18.4090, 20.3478



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.3652, 43.6229, 50.4439



75.6127, 77.2989, 91.1707



43.0180, 43.9650, 50.2231



9.4362, 9.6171, 11.4384



10.0695, 4.5022, 31.5914



0.4243, 0.1945, 1.1169

Inverse Universe

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



42.6588, 43.8213, 48.3315



76.3153, 77.7734, 86.1295



42.1925, 45.6845, 47.3944



9.5335, 9.6828, 10.7415



14.6271, 7.4246, 5.9231



0.5468, 0.2742, 0.3727

Previews

White Background



This preview shows how the XYZ color 42.3639, 43.6210, 50.4429 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 42.3639, 43.6210, 50.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

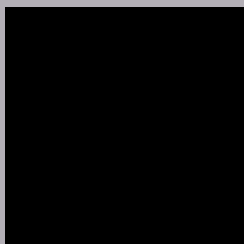
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3639, 43.6210, 50.4429

Background



This preview shows how black text looks on a background with the XYZ color 42.3639, 43.6210, 50.4429.



This preview shows how white text looks on a background with the XYZ color 42.3639, 43.6210,

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

42.3639, 43.6210, 50.4429

Protanopia

42.1336, 43.5023, 50.4321

Deuteranopia

44.3454, 43.4919, 50.8573



Tritanopia

43.0355, 43.6062, 53.7256

Trichromacy



Original Color

42.3639, 43.6210, 50.4429

Protanomaly

42.1336, 43.5023, 50.4321

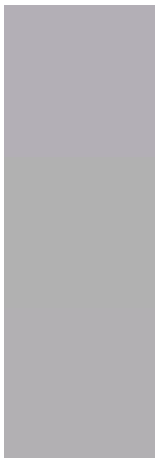
Deuteranomaly

43.5495, 43.3630, 50.8743

Tritanomaly

42.8214, 43.5206, 52.5978

Monochromacy



Original Color

42.3639, 43.6210, 50.4429

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0221, 43.7703, 48.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3639, 43.6210, 50.4429 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(179, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 182)  
}
```

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(179, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.3639, 43.6210, 50.4429 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(179, 175, 182) }
```


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

```
.border{ border-color:rgb(179, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3639, 43.6210, 50.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 182) }
```

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

```
.background{ background-color: rgb(179,  
175, 182) }
```

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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