

Converting Colors

XYZ(43.8440, 43.6217, 58.9323)

Have a look what the booklet for
XYZ(43.8440, 43.6217, 58.9323)
contains.

XYZ(43.8440, 43.6217, 58.9323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.8440, 43.6217,
58.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ADC5
RGB	180, 173, 197
RGB Percent	71%, 68%, 77%
CMY	0.2941, 0.3216, 0.2274
CMYK	0.09, 0.12, 0.00, 0.23
HSL	257°, 17%, 73%
HSV	257°, 12%, 77%
XYZ	43.8440, 43.6217, 58.9323
YIQ	177.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

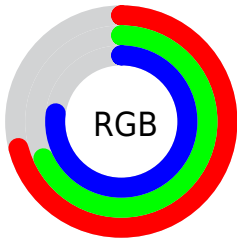
Format	Color
RYB	180, 173, 197
Decimal	11840965
CIELab	71.97, 7.13, -11.31
CIElCh	72, 13.369, 302.229
Yxy	43.6217, 0.2995, 0.2980
Android (android.graphics.Color)	4290031045 (0xFFB4ADC5)
YUV	177.8290, 9.4513, 1.9040
Hunter-Lab	66.0467, 2.9124, -6.6707

Details

The XYZ color **43.8440, 43.6217, 58.9323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.7459, 53.8979, 47.3715**, and the grayscale version is **42.1806, 44.3773, 48.3269**.

A 20% lighter version of the original color is **80.2249, 80.4754, 105.0709**, and **20.5477, 20.1699, 28.7968** is the 20% darker color. If you saturate the color by 10%, you get **37.2547, 35.0254, 57.6210**, and if you desaturate by 10%, it is **51.3200, 53.5043, 60.4465**.

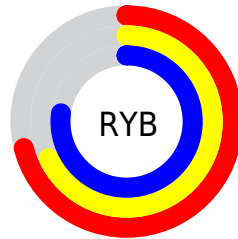
Distribution



Red (71%)

Green (68%)

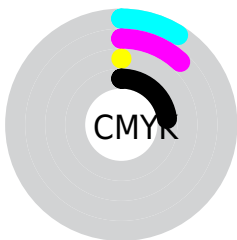
Blue (77%)



Red (71%)

Yellow (68%)

Blue (77%)

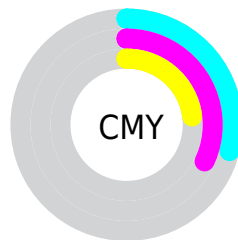


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (29%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8440, 43.6217, 58.9323 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 43.8440, 43.6217, 58.9323 by changing the saturation by 10% instead.

■ 43.8440, 43.6217,
58.9323

■ 43.8440, 43.6217,
58.9323

352.9343,
361.1623, 438.3459

■ 30.7453, 30.3732,
42.1390

■ 80.2308, 80.6482,
104.8074

■ 20.5558, 20.1220,
28.8837

104.2495,
105.1950, 134.7263

■ 12.9103, 12.4838,
18.7481

132.6389,
134.2767, 169.8574

■ 7.4434, 7.0741,
11.3134

165.7644,
168.2776, 210.6193

■ 3.7897, 3.5085,
6.1612

203.9914,
207.5823, 257.4306

■ 1.5839, 1.4026,
2.8730

247.6851,

■ 0.3819, 0.2186,

252.5750, 310.7098

1.0302

297.2109,
303.6402, 370.8753

■ 0.0000, 0.0000,
0.0000

■ 43.8440, 43.6217,
58.9323

■ 43.8440, 43.6217,
58.9323

■ 37.2547, 35.0254,
57.6210

■ 51.3200, 53.5043,
60.4465

■ 31.5144, 27.6563,
56.5012

■ 59.7109, 64.7180,
62.1687

■ 26.5881, 21.4590,
55.5646

■ 69.0483, 77.3123,
64.1075

■ 22.4370, 16.3714,
54.8014

■ 79.3612, 91.3324,
66.2701

■ 19.0189, 12.3257,
54.2007

■ 85.1839, 95.8347,
66.8323

■ 16.2870, 9.2463,
53.7503

■ 87.0782, 96.8113,
66.9209

■ 14.1890, 7.0472,
53.4364

■ 12.6635, 5.6262,
53.2425

■ 11.7909, 4.9142,
53.1511

Harmonies

Analogous

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



41.6319, 43.6217, 61.1837



43.8440, 43.6217, 58.9323



45.4635, 43.6217, 53.5919

Triad

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



43.8440, 43.6217, 58.9323



43.5381, 43.6217, 37.2284



37.2318, 43.6217, 47.9867

Complementary

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



43.8440, 43.6217, 58.9323



48.7459, 53.8979, 47.3715

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.



37.7008, 43.6217, 41.8819



43.8440, 43.6217, 58.9323



41.2908, 43.6217, 36.0200

Square

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



43.8440, 43.6217, 58.9323



45.2824, 43.6217, 41.1088



39.1662, 43.6217, 37.6451



37.8611, 43.6217, 54.5141

Rectangle

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



43.8440, 43.6217, 58.9323



45.9596, 43.6217, 49.2151



39.1662, 43.6217, 37.6451



37.2662, 43.6217, 45.8186

Sweetspot

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



43.8453, 43.6235, 58.9333



89.2733, 92.3191, 107.7219



45.7699, 49.8305, 60.0299



18.8821, 19.4603, 23.0110



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.



43.8453, 43.6235, 58.9333



74.7627, 73.1951, 104.7954



46.7106, 45.1007, 59.0674



10.3424, 10.4348, 13.3865



7.8283, 3.2699, 34.9629



0.4442, 0.1927, 1.6589

Inverse Universe

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



47.2653, 45.4771, 55.0043



82.2943, 77.2793, 96.0450



45.9166, 52.4394, 47.2391



10.9462, 10.7619, 12.6999



18.2751, 9.0596, 17.1906



0.8957, 0.4411, 0.9741

Previews

White Background



This preview shows how the XYZ color 43.8440, 43.6217, 58.9323 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 43.8440, 43.6217, 58.9323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

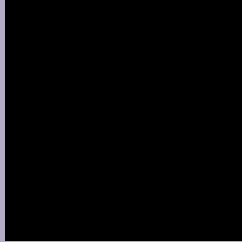
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8440, 43.6217, 58.9323

Background



This preview shows how black text looks on a background with the XYZ color 43.8440, 43.6217, 58.9323.



This preview shows how white text looks on a background with the XYZ color 43.8440, 43.6217,

58.9323.

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

43.8440, 43.6217, 58.9323

Protanopia

42.7566, 43.6214, 59.5923

Deuteranopia

44.5977, 43.7266, 58.9128



Tritanopia

42.8036, 43.4866, 53.7147

Trichromacy



Original Color

43.8440, 43.6217, 58.9323

Protanomaly

43.2336, 43.5794, 59.5591

Deuteranomaly

44.3590, 43.6035, 58.9017

Tritanomaly

43.1304, 43.6174, 55.4360

Monochromacy



Original Color

43.8440, 43.6217, 58.9323

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.8727, 44.1372, 52.1586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8440, 43.6217, 58.9323 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(180, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(180, 173, 197)  
}
```

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(180, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 197) }
```

Border

The CSS property to change the border of an element to XYZ 43.8440, 43.6217, 58.9323 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(180, 173, 197) }
```


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

```
.border{ border-color:rgb(180, 173, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 173, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(180, 173,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8440, 43.6217, 58.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 173, 197) }
```

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

```
.background{ background-color: rgb(180,  
173, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor