

Converting Colors

XYZ(43.2936, 43.9139, 51.3223)

Have a look what the booklet for
XYZ(43.2936, 43.9139, 51.3223)
contains.

XYZ(43.3162, 43.8001, 51.5186)	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(43.3162, 43.8001,
51.5186)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AEB8
RGB	183, 174, 184
RGB Percent	72%, 68%, 72%
CMY	0.2823, 0.3176, 0.2784
CMYK	0.01, 0.05, 0.00, 0.28
HSL	294°, 7%, 70%
HSV	294°, 5%, 72%
XYZ	43.3162, 43.8001, 51.5186
YIQ	177.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

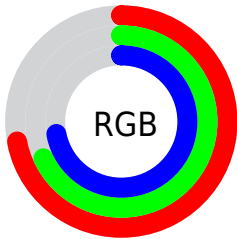
Format	Color
RYB	183, 174, 184
Decimal	12037816
CIELab	72.09, 5.06, -3.96
CIElCh	72, 6.423, 321.940
Yxy	43.8001, 0.3124, 0.3159
Android (android.graphics.Color)	4290227896 (0xFFB7AEB8)
YUV	177.8310, 3.0413, 4.5332
Hunter-Lab	66.1816, 1.0112, 0.1733

Details

The XYZ color **43.3162, 43.8001, 51.5186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4613, 46.4521, 46.7749**, and the grayscale version is **42.2123, 44.4106, 48.3632**.

A 20% lighter version of the original color is **79.3441, 80.6806, 93.8291**, and **20.2622, 20.3036, 24.3238** is the 20% darker color. If you saturate the color by 10%, you get **39.5677, 36.9483, 50.3943**, and if you desaturate by 10%, it is **47.5599, 51.6325, 52.8074**.

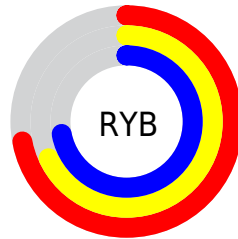
Distribution



Red (72%)

Green (68%)

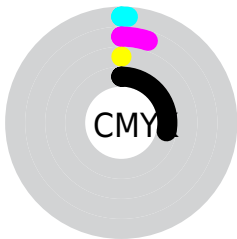
Blue (72%)



Red (72%)

Yellow (68%)

Blue (72%)

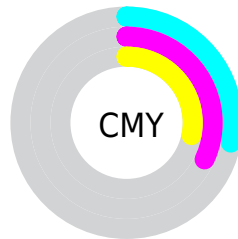


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3162, 43.8001, 51.5186 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 43.3162, 43.8001, 51.5186 by changing the saturation by 10% instead.

■ 43.3162, 43.8001,
51.5186

■ 43.3162, 43.8001,
51.5186

350.8100,
361.8919, 409.4792

■ 30.3289, 30.5134,
36.2419

■ 79.4405, 80.9169,
93.8402

■ 20.2377, 20.2286,
24.3299

103.3083,
105.5157, 121.7222

■ 12.6772, 12.5613,
15.3641

131.5335,
134.6540, 154.6431

■ 7.2821, 7.1272,
8.9258

164.4817,
168.7162, 193.0214

■ 3.6870, 3.5418,
4.5967

202.5180,
208.0867, 237.2756

■ 1.5266, 1.4207,
1.9581

246.0080,

■ 0.3439, 0.2319,

253.1499, 287.8243

0.5293

295.3169,
304.2902, 345.0860

■ 0.0000, 0.0000,
0.0000

■ 43.3162, 43.8001,
51.5186

■ 43.3162, 43.8001,
51.5186

■ 39.5677, 36.9483,
50.3943

■ 47.5599, 51.6325,
52.8074

■ 36.2910, 31.0321,
49.4250

■ 52.3135, 60.4770,
54.2640

■ 33.4662, 26.0113,
48.6048

■ 57.5960, 70.3707,
55.8953

■ 31.0708, 21.8408,
47.9261

■ 63.4240, 81.3469,
57.7067

■ 29.0800, 18.4714,
47.3807

■ 66.2018, 86.2139,
58.4997

■ 27.4669, 15.8489,
46.9595

■ 66.6715, 86.4560,
58.5217

■ 26.2009, 13.9122,
46.6524

■ 67.1470, 86.7011,
58.5440

■ 25.2466, 12.5908,
46.4476

■ 67.6284, 86.9493,
58.5665

■ 24.5604, 11.7973,
46.3306

■ 68.1156, 87.2005,
58.5893

Harmonies

Analogous

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



42.4250, 43.8001, 53.5256



43.3162, 43.8001, 51.5186



43.7575, 43.8001, 48.5441

Triad

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



43.3162, 43.8001, 51.5186



41.9276, 43.8001, 41.9480



39.7018, 43.8001, 49.9872

Complementary

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



43.3162, 43.8001, 51.5186



42.4613, 46.4521, 46.7749

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.



39.5739, 43.8001, 46.8476



43.3162, 43.8001, 51.5186



40.8464, 43.8001, 42.2964

Square

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



43.3162, 43.8001, 51.5186



42.9466, 43.8001, 43.0842



39.9895, 43.8001, 44.0576



40.3419, 43.8001, 52.6147

Rectangle

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



43.3162, 43.8001, 51.5186



43.7318, 43.8001, 46.4501



39.9895, 43.8001, 44.0576



39.5980, 43.8001, 48.9535

Sweetspot

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



43.3175, 43.8020, 51.5196



81.0361, 84.0254, 94.1521



41.4716, 43.1864, 51.4980



17.4870, 18.1461, 20.3025



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.



43.3175, 43.8020, 51.5196



77.3173, 77.1875, 93.0282



43.1598, 43.7665, 49.4434



9.4497, 9.4084, 11.3974



16.7762, 7.9597, 31.9052



0.6171, 0.2939, 1.1259

Inverse Universe

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



42.6426, 43.5596, 46.7201



75.7360, 76.6204, 81.7455



42.6167, 46.4884, 48.7605



9.2468, 9.3356, 9.9487



13.7136, 7.0592, 1.1129



0.4956, 0.2537, 0.1034

Previews

White Background



This preview shows how the XYZ color 43.3162, 43.8001, 51.5186 looks on a white background.

Color Contrast Check

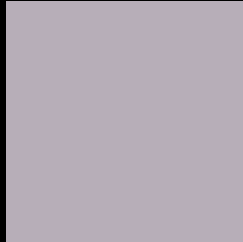
Large Text (above 18pt) WCAG AA × Fail

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 43.3162, 43.8001, 51.5186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

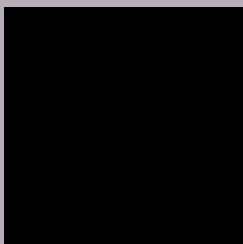
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

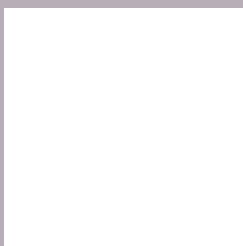
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3162, 43.8001, 51.5186

Background



This preview shows how black text looks on a background with the XYZ color 43.3162, 43.8001, 51.5186.



This preview shows how white text looks on a background with the XYZ color 43.3162, 43.8001,

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

43.3162, 43.8001, 51.5186

Protanopia

42.4138, 43.9006, 52.1372

Deuteranopia

44.5551, 43.5758, 51.9616



Tritanopia

43.4416, 43.5423, 53.1286

Trichromacy



Original Color

43.3162, 43.8001, 51.5186

Protanomaly

42.6773, 43.7464, 52.0935

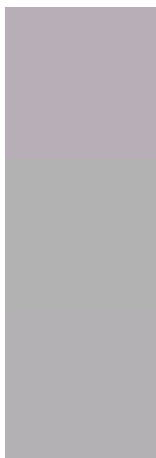
Deuteranomaly

44.0030, 43.5726, 51.9901

Tritanomaly

43.3349, 43.4996, 52.5666

Monochromacy



Original Color

43.3162, 43.8001, 51.5186

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.7828, 44.4429, 49.5035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3162, 43.8001, 51.5186 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(183, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 184)  
}
```

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(183, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.3162, 43.8001, 51.5186 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(183, 174, 184) }
```


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

```
.border{ border-color:rgb(183, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3162, 43.8001, 51.5186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 184) }
```

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

```
.background{ background-color: rgb(183,  
174, 184) }
```

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