

Converting Colors

XYZ(41.2253, 43.5866, 38.5880)

Have a look what the booklet for
XYZ(41.2253, 43.5866, 38.5880)
contains.

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Color

**XYZ(41.2253, 43.5866,
38.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B09E
RGB	183, 176, 158
RGB Percent	72%, 69%, 62%
CMY	0.2824, 0.3098, 0.3804
CMYK	0.00, 0.04, 0.14, 0.28
HSL	43°, 15%, 67%
HSV	43°, 14%, 72%
XYZ	41.2253, 43.5866, 38.5880
YIQ	176.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

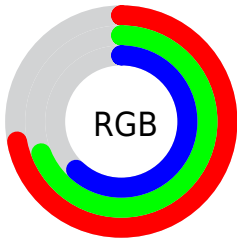
Format	Color
RYB	168, 183, 158
Decimal	12038302
CIELab	71.95, -0.62, 10.11
CIElCh	72, 10.125, 93.502
Yxy	43.5866, 0.3341, 0.3532
Android (android.graphics.Color)	4290228382 (0xFFB7B09E)
YUV	176.0410, -8.8942, 6.1030
Hunter-Lab	66.0201, -4.0736, 11.5598

Details

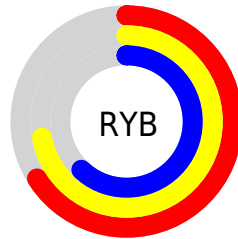
The XYZ color **41.2253, 43.5866, 38.5880** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1027, 37.5974, 50.1542**, and the grayscale version is **41.3305, 43.4829, 47.3529**.

A 20% lighter version of the original color is **76.4635, 80.8680, 74.5298**, and **19.0674, 20.2227, 16.8083** is the 20% darker color. If you saturate the color by 10%, you get **38.7811, 41.0339, 30.5720**, and if you desaturate by 10%, it is **43.9444, 46.3128, 47.8540**.

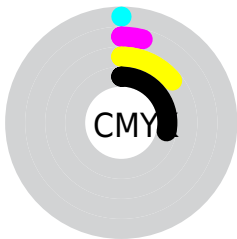
Distribution



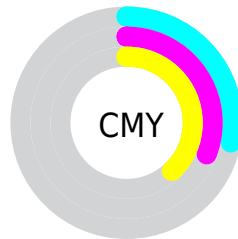
- Red (72%)
- Green (69%)
- Blue (62%)



- Red (66%)
- Yellow (72%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2253, 43.5866, 38.5880 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 41.2253, 43.5866, 38.5880 by changing the saturation by 10% instead.


 41.2253, 43.5866,
38.5880


 41.2253, 43.5866,
38.5880


342.3079,
361.0186, 355.5092

 28.6836, 30.3456,
26.1340


 76.2983, 80.5953,
74.2219

 18.9847, 20.1011,
16.6973


 99.5604, 105.1319,
98.2389

 11.7632, 12.4685,
9.8592


127.1266,
134.2024, 126.9472

 6.6537, 7.0636,
5.2013

159.3624,
168.1913, 160.7656

 3.2909, 3.5019,
2.3051

196.6331,
207.4830, 200.1124

 1.3094, 1.3990,
0.7341

239.3040,

 0.1902, 0.2160,

252.4618, 245.4062

0.0000

287.7405,
303.5123, 297.0657

■ 0.0000, 0.0000,
0.0000

■ 41.2253, 43.5866,
38.5880

■ 41.2253, 43.5866,
38.5880

■ 38.7811, 41.0339,
30.5720

■ 43.9444, 46.3128,
47.8540

■ 36.5975, 38.6439,
23.7486

■ 46.9448, 49.2114,
58.4183

■ 34.6641, 36.4133,
18.0601

■ 50.2374, 52.2887,
70.3302

■ 32.9685, 34.3364,
13.4429

■ 53.8313, 55.5491,
83.6355

■ 31.4969, 32.4070,
9.8272

■ 57.7349, 58.9965,
98.3778

■ 30.2342, 30.6183,
7.1345

■ 59.8263, 61.7828,
103.3798

■ 29.1627, 28.9627,
5.2750

■ 61.0851, 64.3005,
103.7994

■ 28.2615, 27.4309,
4.1403

■ 62.3845, 66.8993,
104.2326

■ 27.7513, 26.5129,
3.6548

■ 63.7249, 69.5800,
104.6794

Harmonies

Analogous

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



42.9265, 43.5866, 39.4488



41.2253, 43.5866, 38.5880



39.6224, 43.5866, 39.9645

Triad

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



41.2253, 43.5866, 38.5880



38.7210, 43.5866, 52.9015



44.4700, 43.5866, 51.8274

Complementary

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



41.2253, 43.5866, 38.5880



36.1027, 37.5974, 50.1542

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.



43.2871, 43.5866, 55.8351



41.2253, 43.5866, 38.5880



39.9644, 43.5866, 56.4848

Square

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



41.2253, 43.5866, 38.5880



38.2021, 43.5866, 48.0415



41.6309, 43.5866, 57.5936



44.8301, 43.5866, 46.8800

Rectangle

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



41.2253, 43.5866, 38.5880



38.8162, 43.5866, 42.0256



41.6309, 43.5866, 57.5936



44.1539, 43.5866, 53.3403

Sweetspot

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



41.2265, 43.5885, 38.5889



78.4962, 82.7413, 84.9879



38.5549, 37.2412, 40.7938



17.2529, 18.1917, 18.4791



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.



41.2265, 43.5885, 38.5889



72.6491, 76.8458, 65.1620



41.3700, 45.7517, 38.9989



9.5320, 10.0670, 9.5476



19.4199, 18.6161, 2.5697



0.7340, 0.7550, 0.1070

Inverse Universe

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



36.1027, 37.5974, 50.1542



61.9191, 64.2999, 89.3834



35.9643, 35.7038, 49.7960



8.7203, 9.1178, 11.3797



6.8459, 4.1516, 31.6936



0.2954, 0.2545, 1.1353

Previews

White Background



This preview shows how the XYZ color 41.2253, 43.5866, 38.5880 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 41.2253, 43.5866, 38.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

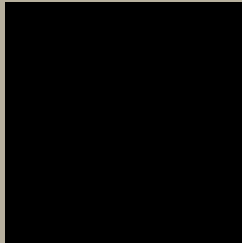
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2253, 43.5866, 38.5880

Background



This preview shows how black text looks on a background with the XYZ color 41.2253, 43.5866, 38.5880.



This preview shows how white text looks on a background with the XYZ color 41.2253, 43.5866,

38.5880.

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

41.2253, 43.5866, 38.5880

Protanopia

41.4641, 43.7096, 38.5992

Deuteranopia

44.4522, 43.5320, 38.8605



Tritanopia

44.1090, 43.6150, 52.5481

Trichromacy



Original Color

41.2253, 43.5866, 38.5880

Protanomaly

41.4641, 43.7096, 38.5992

Deuteranomaly

43.2587, 43.4776, 38.9129

Tritanomaly

43.0297, 43.4608, 47.1952

Monochromacy



Original Color

41.2253, 43.5866, 38.5880

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2772, 43.4989, 43.7567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2253, 43.5866, 38.5880 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, 176, 158)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 158)  
}
```

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, 176, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 158) }
```

Border

The CSS property to change the border of an element to XYZ 41.2253, 43.5866, 38.5880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

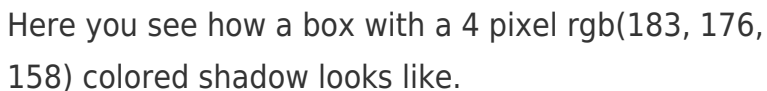
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 176, 158) }
```


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

```
.border{ border-color:rgb(183, 176, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 176, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2253, 43.5866, 38.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 158) }
```

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

```
.background{ background-color: rgb(183,  
176, 158) }
```

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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