

Converting Colors

XYZ(38.8913, 38.9182, 43.4924)

Have a look what the booklet for
XYZ(38.8913, 38.9182, 43.4924)
contains.

XYZ(38.8913, 38.9182, 43.4924)	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(38.8913, 38.9182,
43.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A4AA
RGB	178, 164, 170
RGB Percent	70%, 64%, 67%
CMY	0.3020, 0.3568, 0.3333
CMYK	0.00, 0.08, 0.04, 0.30
HSL	334°, 8%, 67%
HSV	334°, 8%, 70%
XYZ	38.8913, 38.9182, 43.4924
YIQ	168.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

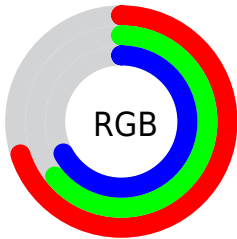
Format	Color
RYB	178, 164, 170
Decimal	11707562
CIELab	68.69, 6.15, -1.27
CIELCh	69, 6.279, 348.311
Yxy	38.9182, 0.3206, 0.3208
Android (android.graphics.Color)	4289897642 (0xFFB2A4AA)
YUV	168.8700, 0.5571, 8.0070
Hunter-Lab	62.3845, 2.1065, 2.3341

Details

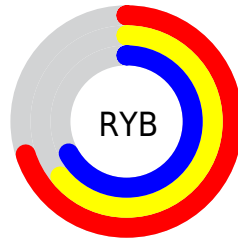
The XYZ color **38.8913, 38.9182, 43.4924** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6782, 42.7130, 45.2378**, and the grayscale version is **37.6439, 39.6043, 43.1291**.

A 20% lighter version of the original color is **72.8538, 73.5917, 81.5990**, and **17.5216, 17.2563, 19.5469** is the 20% darker color. If you saturate the color by 10%, you get **35.0008, 32.6179, 37.6298**, and if you desaturate by 10%, it is **43.3043, 46.1434, 49.8977**.

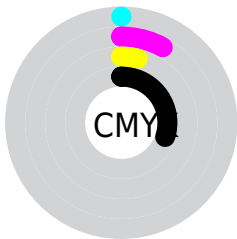
Distribution



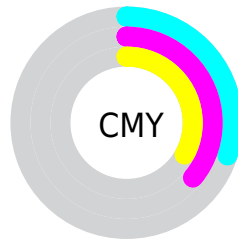
- Red (70%)
- Green (64%)
- Blue (67%)



- Red (70%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (30%)



- Cyan (30%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8913, 38.9182, 43.4924 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 38.8913, 38.9182, 43.4924 by changing the saturation by 10% instead.

■ 38.8913, 38.9182,
43.4924

■ 38.8913, 38.9182,
43.4924

332.6433,
341.5426, 376.6134

■ 26.8555, 26.6961,
29.9374

■ 72.7674, 73.5133,
81.7477

■ 17.6008, 17.3451,
19.5394

■ 95.3384, 96.6552,
107.2851

■ 10.7617, 10.4809,
11.8800

122.1518,
124.2057, 137.6536

■ 5.9729, 5.7189,
6.5404

153.5731,
156.5493, 173.2719

■ 2.8691, 2.6749,
3.1023

189.9675,
194.0704, 214.5585

■ 1.0849, 0.9645,
1.1471

231.7004,

■ 0.0125, 0.0000,

237.1534, 261.9320

0.0000

279.1372,
286.1827, 315.8107

■ 0.0000, 0.0000,
0.0000

■ 38.8913, 38.9182,
43.4924

■ 38.8913, 38.9182,
43.4924

■ 35.0008, 32.6179,
37.6298

■ 43.3043, 46.1434,
49.8977

■ 31.6095, 27.1999,
32.2923

■ 48.2556, 54.3237,
56.8574

■ 28.6970, 22.6259,
27.4651

■ 53.7642, 63.4943,
64.3862

■ 26.2404, 18.8526,
23.1316

■ 59.8472, 73.6870,
72.4972

■ 24.2144, 15.8329,
19.2743

■ 66.5210, 84.9323,
81.2033

■ 22.5917, 13.5148,
15.8742

■ 68.5503, 86.7571,
88.7665

■ 21.3411, 11.8395,
12.9110

■ 70.0301, 87.3490,
96.5585

■ 20.4266, 10.7386,
10.3620

■ 71.5947, 87.9749,
104.7978

■ 19.7925, 10.1040,
8.1973

■ 72.1704, 88.2051,
107.8293

Harmonies

Analogous

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



38.4343, 38.9182, 46.1157



38.8913, 38.9182, 43.4924



38.8323, 38.9182, 40.6810

Triad

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



38.8913, 38.9182, 43.4924



36.3942, 38.9182, 37.3948



35.7356, 38.9182, 46.5898

Complementary

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



38.8913, 38.9182, 43.4924



38.6782, 42.7130, 45.2378

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.



35.2080, 38.9182, 44.1160



38.8913, 38.9182, 43.4924



35.5835, 38.9182, 38.8428

Square

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



38.8913, 38.9182, 43.4924



37.3786, 38.9182, 37.2447



35.1528, 38.9182, 41.2775



36.6052, 38.9182, 47.9567

Rectangle

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



38.8913, 38.9182, 43.4924



38.5085, 38.9182, 39.0761



35.1528, 38.9182, 41.2775



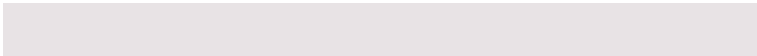
35.5131, 38.9182, 45.8551

Sweetspot

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



38.8924, 38.9199, 43.4932



75.0745, 78.0057, 85.5198



38.3114, 38.5303, 47.5380



16.6520, 17.3137, 18.9748



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.8924, 38.9199, 43.4932



69.5636, 69.0083, 77.4424



38.5054, 39.0333, 40.6287



8.6424, 8.5637, 9.6156



14.1071, 7.1604, 5.7239



0.4733, 0.2371, 0.3352

Inverse Universe

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



38.8924, 38.9199, 43.4932



69.5636, 69.0083, 77.4424



39.0823, 42.5785, 48.2787



8.6424, 8.5637, 9.6156



14.1071, 7.1604, 5.7239



0.4733, 0.2371, 0.3352

Previews

White Background



This preview shows how the XYZ color 38.8913, 38.9182, 43.4924 looks on a white background.

Color Contrast Check

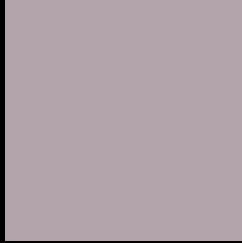
Large Text (above 18pt) WCAG AA × Fail

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 38.8913, 38.9182, 43.4924 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

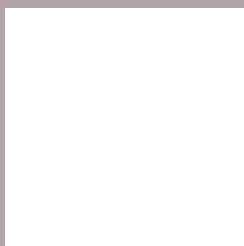
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8913, 38.9182, 43.4924

Background



This preview shows how black text looks on a background with the XYZ color 38.8913, 38.9182, 43.4924.



This preview shows how white text looks on a background with the XYZ color 38.8913, 38.9182,

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

38.8913, 38.9182, 43.4924

Protanopia

37.6273, 39.0510, 44.5842

Deuteranopia

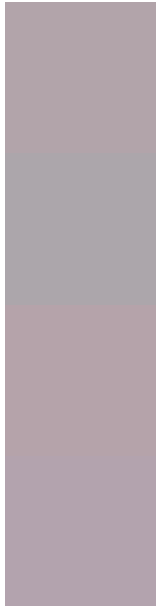
39.4674, 38.6880, 43.4176



Tritanopia

39.5241, 38.9127, 46.5021

Trichromacy



Original Color

38.8913, 38.9182, 43.4924

Protanomaly

38.0002, 38.9834, 44.0498

Deuteranomaly

39.4089, 38.9204, 43.4655

Tritanomaly

39.3276, 38.8341, 45.4673

Monochromacy



Original Color

38.8913, 38.9182, 43.4924

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9934, 39.2727, 43.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8913, 38.9182, 43.4924 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(178, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(178, 164, 170)  
}
```

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(178, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 164, 170) }
```

Border

The CSS property to change the border of an element to XYZ 38.8913, 38.9182, 43.4924 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(178, 164, 170) }
```


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

```
.border{ border-color:rgb(178, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(178, 164,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8913, 38.9182, 43.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 164, 170) }
```

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

```
.background{ background-color: rgb(178,  
164, 170) }
```

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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