

Converting Colors

XYZ(39.9228, 40.8921, 38.0715)

Have a look what the booklet for
XYZ(39.9228, 40.8921, 38.0715)
contains.

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Color

**XYZ(39.8880, 40.9118,
38.1422)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A99E
RGB	183, 169, 158
RGB Percent	72%, 66%, 62%
CMY	0.2823, 0.3372, 0.3804
CMYK	0.00, 0.08, 0.14, 0.28
HSL	26°, 15%, 67%
HSV	26°, 14%, 72%
XYZ	39.8880, 40.9118, 38.1422
YIQ	171.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

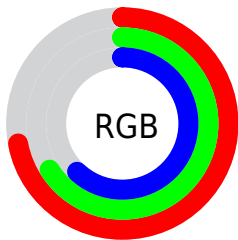
Format	Color
R_{YB}	183, 178, 158
Decimal	12036510
CIE Lab	70.11, 3.16, 7.49
CIE LCh	70, 8.127, 67.094
Yxy	40.9118, 0.3354, 0.3440
Android (android.graphics.Color)	4290226590 (0xFFB7A99E)
YUV	171.9320, -6.8685, 9.7066
Hunter-Lab	63.9623, -0.6184, 9.4177

Details

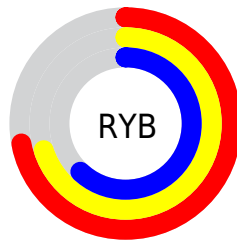
The XYZ color **39.8880, 40.9118, 38.1422** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4003, 40.1925, 50.5870**, and the grayscale version is **39.2086, 41.2505, 44.9218**.

A 20% lighter version of the original color is **74.2625, 76.4661, 73.7962**, and **18.2211, 18.5299, 16.5262** is the 20% darker color. If you saturate the color by 10%, you get **36.5970, 36.6654, 29.8438**, and if you desaturate by 10%, it is **43.5653, 45.5545, 47.7276**.

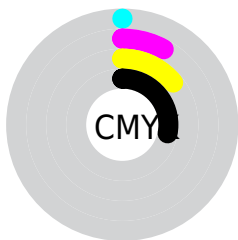
Distribution



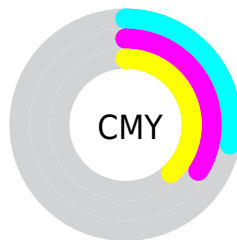
- Red (72%)
- Green (66%)
- Blue (62%)



- Red (72%)
- Yellow (70%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (28%)



- Cyan (28%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8880, 40.9118, 38.1422 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 39.8880, 40.9118, 38.1422 by changing the saturation by 10% instead.

■ 39.8880, 40.9118,
38.1422

■ 39.8880, 40.9118,
38.1422

336.7938,
349.9519, 353.5460

■ 27.6351, 28.2502,
25.7904

■ 74.2784, 76.5500,
73.5319

■ 18.1898, 18.5143,
16.4425

■ 97.1465, 100.2953,
97.4068

■ 11.1868, 11.3199,
9.6801

124.2837,
128.5040, 125.9599

■ 6.2609, 6.2824,
5.0846

156.0554,
161.5605, 159.6096

■ 3.0465, 3.0176,
2.2374

192.8269,
199.8491, 198.7746

■ 1.1784, 1.1409,
0.6958

234.9635,

■ 0.0892, 0.0126,

243.7543, 243.8733

0.0000

282.8307,
293.6604, 295.3242

■ 0.0000, 0.0000,
0.0000

■ 39.8880, 40.9118,
38.1422

■ 39.8880, 40.9118,
38.1422

■ 36.5970, 36.6654,
29.8438

■ 43.5653, 45.5545,
47.7276

■ 33.6751, 32.7988,
22.7743

■ 47.6384, 50.5984,
58.6495

■ 31.1088, 29.3024,
16.8749

■ 52.1209, 56.0554,
70.9580

■ 28.8824, 26.1640,
12.0808

■ 57.0245, 61.9353,
84.6999

■ 26.9789, 23.3708,
8.3211

■ 62.3604, 68.2471,
99.9197

■ 25.3794, 20.9087,
5.5162

■ 66.0089, 74.1479,
105.4407

■ 24.0627, 18.7626,
3.5750

■ 68.9525, 80.0350,
106.4219

■ 23.0039, 16.9156,
2.3877

■ 72.0666, 86.2632,
107.4599

■ 22.4373, 15.8846,
1.8835

■ 73.3387, 88.8074,
107.8839

Harmonies

Analogous

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



40.9584, 40.9118, 40.2784



39.8880, 40.9118, 38.1422



38.5709, 40.9118, 37.6745

Triad

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



39.8880, 40.9118, 38.1422



36.4056, 40.9118, 45.4555



40.4463, 40.9118, 50.6388

Complementary

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



39.8880, 40.9118, 38.1422



37.4003, 40.1925, 50.5870

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.



39.2017, 40.9118, 52.2060



39.8880, 40.9118, 38.1422



36.8836, 40.9118, 49.1049

Square

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



39.8880, 40.9118, 38.1422



36.5799, 40.9118, 41.7593



37.8998, 40.9118, 51.6292



41.2858, 40.9118, 47.4540

Rectangle

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



39.8880, 40.9118, 38.1422



37.7337, 40.9118, 38.3463



37.8998, 40.9118, 51.6292



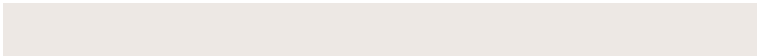
40.0603, 40.9118, 51.3803

Sweetspot

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



39.8891, 40.9136, 38.1431



77.7435, 81.2358, 84.7370



39.2183, 37.5066, 44.2867



17.0567, 17.7992, 18.4137



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.



39.8891, 40.9136, 38.1431



69.8397, 71.2271, 64.2256



42.2923, 45.7200, 38.9441



9.3211, 9.6452, 9.4773



15.7185, 11.2134, 1.3359



0.6160, 0.5190, 0.0677

Inverse Universe

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



37.4003, 40.1925, 50.5870



64.6273, 69.7164, 90.2861



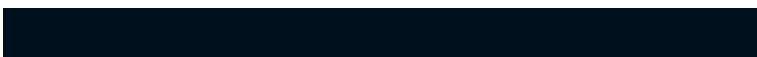
35.1615, 35.7148, 49.8407



8.9269, 9.5310, 11.4486



9.3781, 9.2158, 32.5376



0.3911, 0.4460, 1.1672

Previews

White Background



This preview shows how the XYZ color 39.8880, 40.9118, 38.1422 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 39.8880, 40.9118, 38.1422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

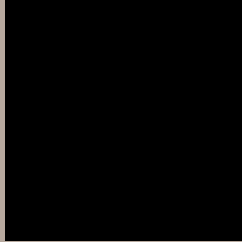
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8880, 40.9118, 38.1422

Background



This preview shows how black text looks on a background with the XYZ color 39.8880, 40.9118, 38.1422.



This preview shows how white text looks on a background with the XYZ color 39.8880, 40.9118,

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

39.8880, 40.9118, 38.1422

Protanopia

38.9524, 40.9761, 38.6571

Deuteranopia

41.7055, 40.7509, 38.4685



Tritanopia

42.0226, 40.9662, 48.3403

Trichromacy



Original Color

39.8880, 40.9118, 38.1422

Protanomaly

39.2231, 40.8364, 38.6158

Deuteranomaly

40.8805, 40.5945, 38.4818

Tritanomaly

41.1770, 40.8920, 44.2508

Monochromacy



Original Color

39.8880, 40.9118, 38.1422

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4425, 41.1459, 42.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8880, 40.9118, 38.1422 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, 169, 158)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 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, 169, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.8880, 40.9118, 38.1422 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, 169, 158) }
```


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

```
.border{ border-color:rgb(183, 169, 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, 169, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8880, 40.9118, 38.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 158) }
```

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

```
.background{ background-color: rgb(183,  
169, 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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