

Converting Colors

XYZ(38.6192, 38.3946, 41.9945)

Have a look what the booklet for
XYZ(38.6192, 38.3946, 41.9945)
contains.

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Color

**XYZ(38.4858, 38.2144,
41.9069)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A2A7
RGB	179, 162, 167
RGB Percent	70%, 64%, 65%
CMY	0.2980, 0.3647, 0.3451
CMYK	0.00, 0.09, 0.07, 0.30
HSL	342°, 10%, 67%
HSV	342°, 9%, 70%
XYZ	38.4858, 38.2144, 41.9069
YIQ	167.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

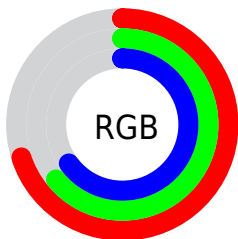
Format	Color
RYB	179, 162, 167
Decimal	11772583
CIELab	68.18, 7.07, -0.35
CIElCh	68, 7.076, 357.201
Yxy	38.2144, 0.3245, 0.3222
Android (android.graphics.Color)	4289962663 (0xFFB3A2A7)
YUV	167.6530, -0.3219, 9.9513
Hunter-Lab	61.8178, 2.9473, 3.0792

Details

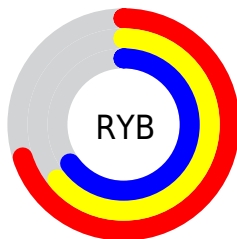
The XYZ color **38.4858, 38.2144, 41.9069** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6619, 42.9786, 46.3045**, and the grayscale version is **37.0489, 38.9783, 42.4474**.

A 20% lighter version of the original color is **72.2586, 72.5618, 79.3046**, and **17.2746, 16.8253, 18.5568** is the 20% darker color. If you saturate the color by 10%, you get **34.4427, 31.9072, 35.0741**, and if you desaturate by 10%, it is **43.0941, 45.4684, 49.4923**.

Distribution



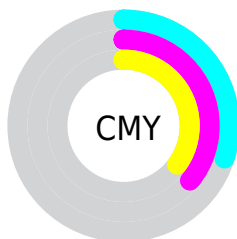
- Red (70%)
- Green (64%)
- Blue (65%)



- Red (70%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (30%)





- Cyan (30%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4858, 38.2144, 41.9069 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 38.4858, 38.2144, 41.9069 by changing the saturation by 10% instead.


 38.4858, 38.2144,
41.9069

 38.4858, 38.2144,
41.9069


330.9443,
338.5388, 369.8851

 26.5389, 26.1491,
28.7034

 72.1512, 72.4366,
79.3273

 17.3620, 16.9352,
18.6129


 94.6005, 95.3624,
104.3812

 10.5898, 10.1883,
11.2169


121.2812,
122.6771, 134.2223

 5.8570, 5.5240,
6.0969

152.5587,
154.7652, 169.2692

 2.7981, 2.5579,
2.8344

188.7984,
192.0110, 209.9404

 1.0479, 0.9055,
1.0107

230.3657,

 0.0000, 0.0000,

234.7989, 256.6544

0.0000

277.6259,
283.5134, 309.8298

■ 38.4858, 38.2144,
41.9069

■ 38.4858, 38.2144,
41.9069

■ 34.4427, 31.9072,
35.0741

■ 43.0941, 45.4684,
49.4923

■ 30.9395, 26.5026,
28.9681

■ 48.2852, 53.7007,
57.8504

■ 27.9536, 21.9605,
23.5650

■ 54.0800, 62.9480,
67.0032

■ 25.4596, 18.2359,
18.8387

■ 60.4974, 73.2432,
76.9715

■ 23.4299, 15.2796,
14.7612

■ 67.5553, 84.6179,
87.7750

■ 21.8340, 13.0371,
11.3027

■ 70.5022, 87.5645,
97.8432

■ 20.6375, 11.4464,
8.4308

■ 72.4006, 88.3238,
107.8400

■ 19.8006, 10.4351,
6.1093

■ 19.2491, 9.8629,
4.2890

Harmonies

Analogous

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



38.1374, 38.2144, 44.9936



38.4858, 38.2144, 41.9069



38.2447, 38.2144, 38.8885

Triad

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



38.4858, 38.2144, 41.9069



35.3589, 38.2144, 36.4273



35.1826, 38.2144, 46.9373

Complementary

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



38.4858, 38.2144, 41.9069



38.6619, 42.9786, 46.3045

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.



34.4642, 38.2144, 44.4535



38.4858, 38.2144, 41.9069



34.5645, 38.2144, 38.3985

Square

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



38.4858, 38.2144, 41.9069



36.4255, 38.2144, 35.8214



34.2402, 38.2144, 41.3125



36.2180, 38.2144, 47.9886

Rectangle

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



38.4858, 38.2144, 41.9069



37.7847, 38.2144, 37.3012



34.2402, 38.2144, 41.3125



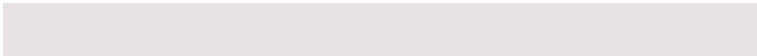
34.8968, 38.2144, 46.2362

Sweetspot

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



38.4869, 38.2161, 41.9077



74.1279, 76.6160, 83.6522



38.4916, 38.0843, 47.9706



16.2745, 16.7403, 18.2893



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.



38.4869, 38.2161, 41.9077



67.6340, 66.4163, 72.8924



38.6407, 39.2487, 39.7236



8.5957, 8.5450, 9.3696



13.6101, 6.9616, 3.1070



0.4544, 0.2295, 0.2356

Inverse Universe

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



38.4869, 38.2161, 41.9077



67.6340, 66.4163, 72.8924



38.4853, 41.8312, 48.6942



8.5957, 8.5450, 9.3696



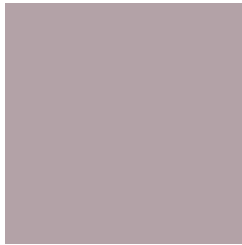
13.6101, 6.9616, 3.1070



0.4544, 0.2295, 0.2356

Previews

White Background



This preview shows how the XYZ color 38.4858, 38.2144, 41.9069 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 38.4858, 38.2144, 41.9069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

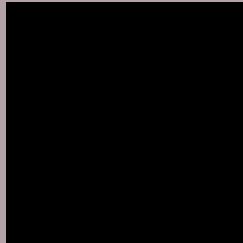
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4858, 38.2144, 41.9069

Background



This preview shows how black text looks on a background with the XYZ color 38.4858, 38.2144, 41.9069.



This preview shows how white text looks on a background with the XYZ color 38.4858, 38.2144,

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

38.4858, 38.2144, 41.9069

Protanopia

36.7650, 38.0997, 42.9524

Deuteranopia

39.0113, 38.2248, 41.8812



Tritanopia

39.2072, 38.2490, 45.3608

Trichromacy



Original Color

38.4858, 38.2144, 41.9069

Protanomaly

37.3566, 38.1487, 42.4403

Deuteranomaly

38.7760, 38.1035, 41.8702

Tritanomaly

38.9179, 38.1333, 43.8373

Monochromacy



Original Color

38.4858, 38.2144, 41.9069

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7174, 38.8702, 42.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4858, 38.2144, 41.9069 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(179, 162, 167) looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 167)  
}
```

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(179, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 167) }
```

Border

The CSS property to change the border of an element to XYZ 38.4858, 38.2144, 41.9069 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(179, 162, 167) }
```


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

```
.border{ border-color:rgb(179, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 162, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 162, 167); box-shadow:4px 4px 4px 4px rgb(179, 162, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4858, 38.2144, 41.9069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 167) }
```

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

```
.background{ background-color: rgb(179,  
162, 167) }
```

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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