

Converting Colors

XYZ(38.1898, 42.9278, 43.1031)

Have a look what the booklet for
XYZ(38.1898, 42.9278, 43.1031)
contains.

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Color

**XYZ(38.0883, 42.7487,
43.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B3A8
RGB	162, 179, 168
RGB Percent	64%, 70%, 66%
CMY	0.3647, 0.2980, 0.3412
CMYK	0.09, 0.00, 0.06, 0.30
HSL	141°, 10%, 67%
HSV	141°, 9%, 70%
XYZ	38.0883, 42.7487, 43.2897
YIQ	172.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

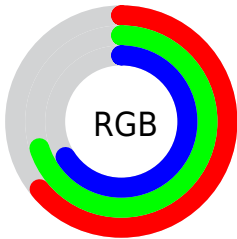
Format	Color
RYB	162, 175, 179
Decimal	10662824
CIELab	71.38, -8.03, 3.60
CIELCh	71, 8.798, 155.855
Yxy	42.7487, 0.3069, 0.3444
Android (android.graphics.Color)	4288852904 (0xFFA2B3A8)
YUV	172.6630, -2.2989, -9.3515
Hunter-Lab	65.3825, -10.4349, 6.5119

Details

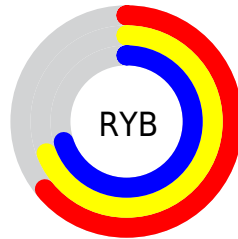
The XYZ color **38.0883, 42.7487, 43.2897** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0551, 38.4426, 44.8989**, and the grayscale version is **39.5636, 41.6240, 45.3286**.

A 20% lighter version of the original color is **71.6429, 79.4961, 81.3803**, and **17.0436, 19.4977, 19.3881** is the 20% darker color. If you saturate the color by 10%, you get **33.6764, 40.5947, 37.6990**, and if you desaturate by 10%, it is **43.1164, 45.2117, 49.4129**.

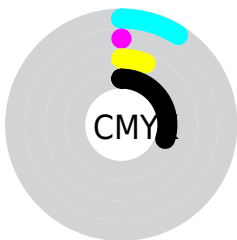
Distribution



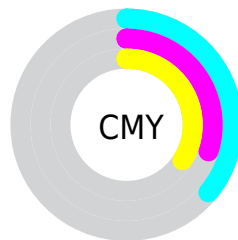
- Red (64%)
- Green (70%)
- Blue (66%)



- Red (64%)
- Yellow (69%)
- Blue (70%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (36%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0883, 42.7487, 43.2897 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 38.0883, 42.7487, 43.2897 by changing the saturation by 10% instead.

■ 38.0883, 42.7487,
43.2897

■ 38.0883, 42.7487,
43.2897

329.2729,
357.5773, 375.7580

■ 26.2288, 29.6880,
29.7794

■ 71.5465, 79.3315,
81.4389

■ 17.1284, 19.6019,
19.4206

■ 93.8758, 103.6224,
106.9149

■ 10.4220, 12.1060,
11.7947

120.4258,
132.4254, 137.2165

■ 5.7440, 6.8159,
6.4832

151.5618,
166.1251, 172.7622

■ 2.7292, 3.3472,
3.0676

187.6492,
205.1057, 213.9707

■ 1.0122, 1.3156,
1.1292

229.0532,

■ 0.0000, 0.1532,

249.7517, 261.2605

0.0000

276.1394,
300.4474, 315.0501

■ 0.0000, 0.0000,
0.0000

■ 38.0883, 42.7487,
43.2897

■ 38.0883, 42.7487,
43.2897

■ 33.6764, 40.5947,
37.6990

■ 43.1164, 45.2117,
49.4129

■ 29.8528, 38.7319,
32.6237

■ 48.7800, 47.9897,
56.0795

■ 26.5928, 37.1492,
28.0502

■ 55.1020, 51.0954,
63.3033

■ 23.8686, 35.8324,
23.9628

■ 62.1029, 54.5393,
71.0972

■ 21.6498, 34.7664,
20.3453

■ 69.8025, 58.3312,
79.4734

■ 19.9029, 33.9340,
17.1804

■ 72.7205, 59.6456,
88.1863

■ 18.5900, 33.3163,
14.4499

■ 74.4732, 60.3467,
97.4160

■ 17.6670, 32.8908,
12.1340

■ 75.4109, 60.7218,
102.3536

■ 17.0504, 32.6149,
10.2099

Harmonies

Analogous

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



38.9864, 42.7487, 40.2451



38.0883, 42.7487, 43.2897



37.8644, 42.7487, 47.3828

Triad

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



38.0883, 42.7487, 43.2897



40.9225, 42.7487, 55.1378



42.9829, 42.7487, 41.9315

Complementary

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



38.0883, 42.7487, 43.2897



39.0551, 38.4426, 44.8989

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.



43.5300, 42.7487, 45.7193



38.0883, 42.7487, 43.2897



42.3219, 42.7487, 53.4726

Square

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



38.0883, 42.7487, 43.2897



39.4778, 42.7487, 54.3902



43.2852, 42.7487, 49.9618



41.8071, 42.7487, 39.4949

Rectangle

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



38.0883, 42.7487, 43.2897



38.1227, 42.7487, 50.1932



43.2852, 42.7487, 49.9618



43.2477, 42.7487, 43.0800

Sweetspot

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



38.0895, 42.7505, 43.2906



73.8901, 79.3394, 84.4878



39.8879, 43.7407, 40.5236



16.2083, 17.4983, 18.5217



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.



38.0895, 42.7505, 43.2906



66.8044, 75.8721, 75.7729



38.9029, 43.0759, 47.5741



8.5087, 9.5380, 9.6726



12.0569, 23.0487, 7.3024



0.4077, 0.7366, 0.3791

Inverse Universe

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



39.0551, 38.4426, 44.8989



68.8177, 66.8898, 79.1259



38.2627, 38.1257, 40.7261



8.7201, 8.5948, 10.0247



15.3894, 7.6733, 12.4764



0.5107, 0.2520, 0.5318

Previews

White Background



This preview shows how the XYZ color 38.0883, 42.7487, 43.2897 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 38.0883, 42.7487, 43.2897 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

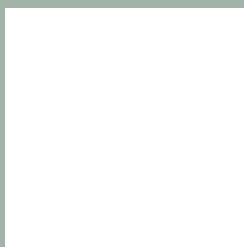
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0883, 42.7487, 43.2897

Background



This preview shows how black text looks on a background with the XYZ color 38.0883, 42.7487, 43.2897.



This preview shows how white text looks on a background with the XYZ color 38.0883, 42.7487,

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

38.0883, 42.7487, 43.2897

Protanopia

40.7500, 42.6920, 41.6899

Deuteranopia

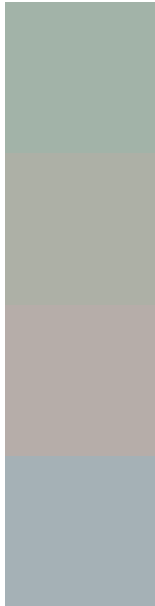
43.4360, 42.6157, 43.9665



Tritanopia

40.5455, 42.8754, 54.8540

Trichromacy



Original Color

38.0883, 42.7487, 43.2897

Protanomaly

39.6418, 42.6881, 42.2267

Deuteranomaly

41.3964, 42.6968, 43.5956

Tritanomaly

39.6827, 42.8210, 50.4297

Monochromacy



Original Color

38.0883, 42.7487, 43.2897

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0428, 42.0352, 44.5839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0883, 42.7487, 43.2897 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(162, 179, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 168)  
}
```

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(162, 179, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.0883, 42.7487, 43.2897 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(162, 179, 168) }
```


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

```
.border{ border-color:rgb(162, 179, 168) }
```

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

Here you see how a box with a 4 pixel rgb(162, 179, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0883, 42.7487, 43.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 168) }
```

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

```
.background{ background-color: rgb(162,  
179, 168) }
```

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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