

Converting Colors

XYZ(39.1192, 38.9046, 42.1504)

Have a look what the booklet for
XYZ(39.1192, 38.9046, 42.1504)
contains.

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Color

**XYZ(39.1283, 38.8082,
41.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A3A7
RGB	181, 163, 167
RGB Percent	71%, 64%, 65%
CMY	0.2902, 0.3608, 0.3451
CMYK	0.00, 0.10, 0.08, 0.29
HSL	347°, 11%, 67%
HSV	347°, 10%, 71%
XYZ	39.1283, 38.8082, 41.9877
YIQ	168.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

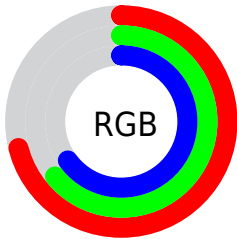
Format	Color
RYB	181, 163, 167
Decimal	11903911
CIELab	68.61, 7.25, 0.31
CIElCh	69, 7.252, 2.441
Yxy	38.8082, 0.3263, 0.3236
Android (android.graphics.Color)	4290093991 (0xFFB5A3A7)
YUV	168.8380, -0.9061, 10.6661
Hunter-Lab	62.2962, 3.0976, 3.6459

Details

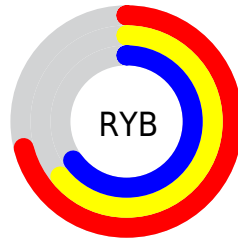
The XYZ color **39.1283, 38.8082, 41.9877** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5654, 44.0096, 48.0065**, and the grayscale version is **37.6340, 39.5939, 43.1178**.

A 20% lighter version of the original color is **73.1813, 73.4213, 79.4219**, and **17.6810, 17.1959, 18.6069** is the 20% darker color. If you saturate the color by 10%, you get **34.9103, 32.3427, 34.5056**, and if you desaturate by 10%, it is **43.9502, 46.2537, 50.3714**.

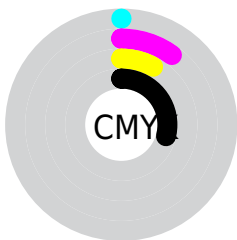
Distribution



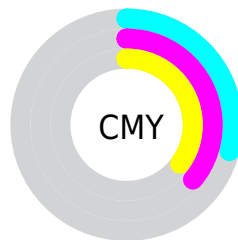
- Red (71%)
- Green (64%)
- Blue (65%)



- Red (71%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (29%)





- Cyan (29%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1283, 38.8082, 41.9877 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 39.1283, 38.8082, 41.9877 by changing the saturation by 10% instead.


 39.1283, 38.8082,
41.9877


 39.1283, 38.8082,
41.9877


333.6334,
341.0744, 370.2301

 27.0407, 26.6106,
28.7662


 73.1271, 73.3452,
79.4509

 17.7406, 17.2810,
18.6599


 95.7690, 96.4534,
104.5296

 10.8624, 10.4350,
11.2505


122.6598,
123.9672, 134.3979

 6.0410, 5.6883,
6.1193

154.1647,
156.2710, 169.4741

 2.9109, 2.6565,
2.8478

190.6492,
193.7492, 210.1769

 1.1068, 0.9552,
1.0175

232.4786,

 0.0308, 0.0000,

236.7863, 256.9248

0.0000

280.0182,
285.7665, 310.1364

■ 0.0000, 0.0000,
0.0000

■ 39.1283, 38.8082,
41.9877

■ 39.1283, 38.8082,
41.9877

■ 34.9103, 32.3427,
34.5056

■ 43.9502, 46.2537,
50.3714

■ 31.2689, 26.8115,
27.8922

■ 49.3954, 54.7124,
59.6829

■ 28.1798, 22.1727,
22.1164

■ 55.4864, 64.2223,
69.9506

■ 25.6152, 18.3792,
17.1442

■ 62.2434, 74.8177,
81.2009

■ 23.5454, 15.3797,
12.9392

■ 69.6861, 86.5316,
93.4591

■ 21.9371, 13.1171,
9.4623

■ 72.3051, 88.3394,
104.9069

■ 20.7532, 11.5268,
6.6704

■ 72.8662, 88.5638,
107.8618

■ 19.9502, 10.5328,
4.5159

■ 19.4451, 9.9812,
2.9341

Harmonies

Analogous

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



38.8713, 38.8082, 45.2386



39.1283, 38.8082, 41.9877



38.7743, 38.8082, 38.9645

Triad

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



39.1283, 38.8082, 41.9877



35.7183, 38.8082, 37.1574



35.8774, 38.8082, 48.0919

Complementary

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



39.1283, 38.8082, 41.9877



39.5654, 44.0096, 48.0065

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.



35.0601, 38.8082, 45.7268



39.1283, 38.8082, 41.9877



34.9696, 38.8082, 39.4066

Square

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



39.1283, 38.8082, 41.9877



36.7924, 38.8082, 36.2672



34.7311, 38.8082, 42.5245



36.9798, 38.8082, 48.8692

Rectangle

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



39.1283, 38.8082, 41.9877



38.2436, 38.8082, 37.4544



34.7311, 38.8082, 42.5245



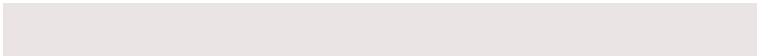
35.5610, 38.8082, 47.4503

Sweetspot

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



39.1294, 38.8099, 41.9885



75.9124, 78.5044, 85.3722



39.5249, 38.8561, 49.1333



16.2554, 16.7326, 18.1883



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.



39.1294, 38.8099, 41.9885



68.2805, 66.7417, 72.0351



39.6339, 40.4011, 40.3617



8.5711, 8.5352, 9.2398



13.4253, 6.8877, 2.1337



0.4444, 0.2255, 0.1827

Inverse Universe

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



39.1294, 38.8099, 41.9885



68.2805, 66.7417, 72.0351



39.0107, 42.2531, 49.8161



8.5711, 8.5352, 9.2398



13.4253, 6.8877, 2.1337



0.4444, 0.2255, 0.1827

Previews

White Background



This preview shows how the XYZ color 39.1283, 38.8082, 41.9877 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 39.1283, 38.8082, 41.9877 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

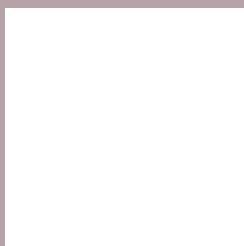
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1283, 38.8082, 41.9877

Background



This preview shows how black text looks on a background with the XYZ color 39.1283, 38.8082, 41.9877.



This preview shows how white text looks on a background with the XYZ color 39.1283, 38.8082,

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

39.1283, 38.8082, 41.9877

Protanopia

37.5577, 39.0481, 43.0936

Deuteranopia

39.6625, 38.8210, 41.9620



Tritanopia

39.9496, 38.8809, 45.9566

Trichromacy



Original Color

39.1283, 38.8082, 41.9877

Protanomaly

38.1597, 39.0983, 42.5813

Deuteranomaly

39.4238, 38.6980, 41.9508

Tritanomaly

39.6581, 38.7643, 44.4218

Monochromacy



Original Color

39.1283, 38.8082, 41.9877

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1202, 39.3488, 42.6317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1283, 38.8082, 41.9877 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(181, 163, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 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(181, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 167) }
```

Border

The CSS property to change the border of an element to XYZ 39.1283, 38.8082, 41.9877 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(181, 163, 167) }
```


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

```
.border{ border-color:rgb(181, 163, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1283, 38.8082, 41.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 167) }
```

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

```
.background{ background-color: rgb(181,  
163, 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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