

Converting Colors

XYZ(38.2640, 41.3308, 37.4412)

Have a look what the booklet for
XYZ(38.2640, 41.3308, 37.4412)
contains.

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Color

**XYZ(38.1779, 41.1717,
37.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAD9C
RGB	173, 173, 156
RGB Percent	68%, 68%, 61%
CMY	0.3216, 0.3216, 0.3882
CMYK	0.00, 0.00, 0.10, 0.32
HSL	60°, 9%, 65%
HSV	60°, 10%, 68%
XYZ	38.1779, 41.1717, 37.3872
YIQ	171.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

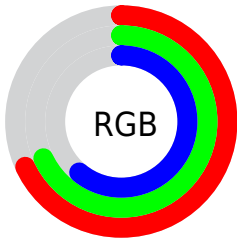
Format	Color
RYB	156, 173, 156
Decimal	11382172
CIELab	70.30, -3.05, 8.74
CIELCh	70, 9.253, 109.242
Yxy	41.1717, 0.3270, 0.3527
Android (android.graphics.Color)	4289572252 (0xFFADAD9C)
YUV	171.0620, -7.4256, 1.6996
Hunter-Lab	64.1652, -6.0826, 10.3690

Details

The XYZ color **38.1779, 41.1717, 37.3872** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1432, 33.8631, 44.3268**, and the grayscale version is **38.7750, 40.7943, 44.4250**.

A 20% lighter version of the original color is **71.3712, 76.6339, 72.0029**, and **17.2723, 18.7596, 16.0752** is the 20% darker color. If you saturate the color by 10%, you get **36.8157, 40.6281, 30.2133**, and if you desaturate by 10%, it is **39.7511, 41.8024, 45.6620**.

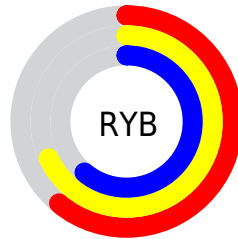
Distribution



Red (68%)

Green (68%)

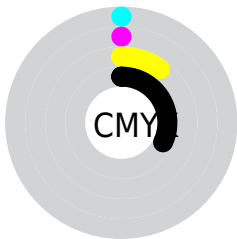
Blue (61%)



Red (61%)

Yellow (68%)

Blue (61%)

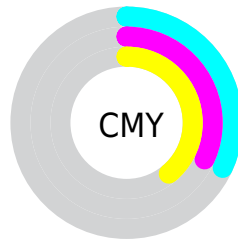


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1779, 41.1717, 37.3872 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 38.1779, 41.1717, 37.3872 by changing the saturation by 10% instead.

■ 38.1779, 41.1717,
37.3872

■ 38.1779, 41.1717,
37.3872

329.6502,
351.0377, 350.2029

■ 26.2986, 28.4533,
25.2093

■ 71.6829, 76.9445,
72.3609

■ 17.1810, 18.6676,
16.0126

■ 94.0393, 100.7676,
95.9937

■ 10.4598, 11.4304,
9.3786

120.6188,
129.0611, 124.2819

■ 5.7694, 6.3571,
4.8888

151.7868,
162.2093, 157.6441

■ 2.7447, 3.0634,
2.1246

187.9085,
200.5967, 196.4987

■ 1.0202, 1.1649,
0.6303

229.3494,

■ 0.0000, 0.0328,

244.6077, 241.2644

0.0000

276.4749,
294.6265, 292.3596

■ 0.0000, 0.0000,
0.0000

■ 38.1779, 41.1717,
37.3872

■ 38.1779, 41.1717,
37.3872

■ 36.8157, 40.6281,
30.2133

■ 39.7511, 41.8024,
45.6620

■ 35.6523, 40.1626,
24.0912

■ 41.5400, 42.5181,
55.0784

■ 34.6795, 39.7734,
18.9726

■ 43.5538, 43.3237,
65.6785

■ 33.8870, 39.4563,
14.8037

■ 45.7998, 44.2222,
77.5013

■ 33.2638, 39.2069,
11.5263

■ 48.2851, 45.2164,
90.5842

■ 32.7975, 39.0203,
9.0754

■ 50.2331, 45.9957,
100.8382

■ 32.4742, 38.8909,
7.3773

■ 50.2339, 45.9961,
100.8383

■ 32.2775, 38.8121,
6.3455

■ 50.2348, 45.9966,
100.8383

■ 32.1724, 38.7700,
5.7962

■ 50.2356, 45.9970,
100.8383

Harmonies

Analogous

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



39.6801, 41.1717, 37.1042



38.1779, 41.1717, 37.3872



36.9618, 41.1717, 39.5874

Triad

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



38.1779, 41.1717, 37.3872



37.2567, 41.1717, 51.4673



42.0721, 41.1717, 46.4083

Complementary

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



38.1779, 41.1717, 37.3872



33.1432, 33.8631, 44.3268

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.



41.3865, 41.1717, 50.5139



38.1779, 41.1717, 37.3872



38.5899, 41.1717, 53.5578

Square

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



38.1779, 41.1717, 37.3872



36.4395, 41.1717, 47.6422



40.1028, 41.1717, 53.1980



41.9549, 41.1717, 42.1287

Rectangle

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



38.1779, 41.1717, 37.3872



36.4647, 41.1717, 41.9296



40.1028, 41.1717, 53.1980



41.9272, 41.1717, 47.8590

Sweetspot

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



38.1790, 41.1735, 37.3881



70.2389, 74.4822, 76.7766



35.1241, 35.0624, 36.3695



15.2152, 16.1669, 16.4257



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



38.1790, 41.1735, 37.3881



67.7583, 73.4898, 63.7210



36.3591, 40.2353, 37.3029



8.6625, 9.3301, 8.5577



23.6329, 28.4803, 4.2517



0.6575, 0.7923, 0.1183

Inverse Universe

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



33.1432, 33.8631, 44.3268



56.7338, 57.4857, 78.9114



34.8458, 34.7408, 44.4065



7.5791, 7.7573, 10.0505



5.5417, 2.2167, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 38.1779, 41.1717, 37.3872 looks on a white background.

Color Contrast Check

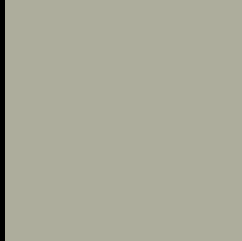
Large Text (above 18pt) WCAG AA × Fail

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 38.1779, 41.1717, 37.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

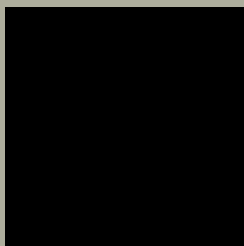
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

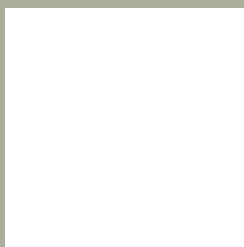
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1779, 41.1717, 37.3872

Background



This preview shows how black text looks on a background with the XYZ color 38.1779, 41.1717, 37.3872.



This preview shows how white text looks on a background with the XYZ color 38.1779, 41.1717,

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

38.1779, 41.1717, 37.3872

Protanopia

39.0697, 41.0761, 36.8796

Deuteranopia

41.9702, 41.1761, 37.6340



Tritanopia

40.7629, 41.1004, 50.0407

Trichromacy



Original Color

38.1779, 41.1717, 37.3872

Protanomaly

38.8004, 41.2187, 36.9214

Deuteranomaly

40.5235, 41.2494, 37.7244

Tritanomaly

39.8220, 40.9967, 45.3495

Monochromacy



Original Color

38.1779, 41.1717, 37.3872

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6487, 41.0289, 41.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1779, 41.1717, 37.3872 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(173, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 156)  
}
```

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(173, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 156) }
```

Border

The CSS property to change the border of an element to XYZ 38.1779, 41.1717, 37.3872 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(173, 173, 156) }
```


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

```
.border{ border-color:rgb(173, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1779, 41.1717, 37.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 156) }
```

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

```
.background{ background-color: rgb(173,  
173, 156) }
```

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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