

Converting Colors

XYZ(38.2478, 40.7494, 39.0928)

Have a look what the booklet for
XYZ(38.2478, 40.7494, 39.0928)
contains.

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Color

**XYZ(38.3313, 40.9273,
39.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	ADACA0
RGB	173, 172, 160
RGB Percent	68%, 67%, 63%
CMY	0.3216, 0.3255, 0.3725
CMYK	0.00, 0.01, 0.08, 0.32
HSL	55°, 7%, 65%
HSV	55°, 8%, 68%
XYZ	38.3313, 40.9273, 39.1372
YIQ	170.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

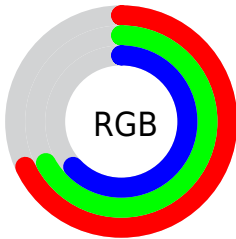
Format	Color
RYB	161, 173, 160
Decimal	11381920
CIELab	70.12, -1.82, 6.29
CIELCh	70, 6.547, 106.127
Yxy	40.9273, 0.3238, 0.3457
Android (android.graphics.Color)	4289572000 (0xFFADACA0)
YUV	170.9310, -5.3890, 1.8145
Hunter-Lab	63.9744, -5.0042, 8.5107

Details

The XYZ color **38.3313, 40.9273, 39.1372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7850, 35.9801, 44.6473**, and the grayscale version is **38.6996, 40.7150, 44.3386**.

A 20% lighter version of the original color is **71.7297, 76.3384, 75.2442**, and **17.3619, 18.6020, 17.1435** is the 20% darker color. If you saturate the color by 10%, you get **36.6711, 39.8625, 31.6295**, and if you desaturate by 10%, it is **40.2069, 42.0850, 47.7568**.

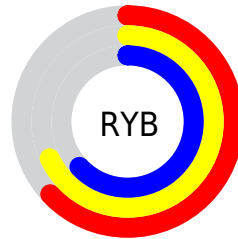
Distribution



Red (68%)

Green (67%)

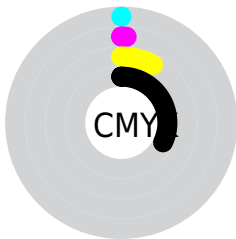
Blue (63%)



Red (63%)

Yellow (68%)

Blue (63%)

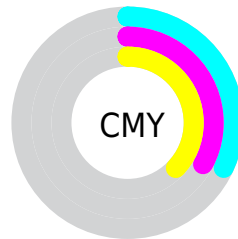


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3313, 40.9273, 39.1372 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 38.3313, 40.9273, 39.1372 by changing the saturation by 10% instead.

■ 38.3313, 40.9273,
39.1372

■ 38.3313, 40.9273,
39.1372

330.2954,
350.0167, 357.9168

■ 26.4183, 28.2623,
26.5578

■ 71.9163, 76.5735,
75.0705

■ 17.2712, 18.5235,
17.0119

■ 94.3190, 100.3235,
99.2615

■ 10.5245, 11.3265,
10.0809

120.9489,
128.5373, 128.1602

■ 5.8130, 6.2869,
5.3464

152.1715,
161.5992, 162.1850

■ 2.7713, 3.0203,
2.3896

188.3521,
199.8938, 201.7545

■ 1.0340, 1.1423,
0.7808

229.8561,

■ 0.0000, 0.0138,

243.8052, 247.2873

0.0000

277.0487,
293.7181, 299.2019

■ 0.0000, 0.0000,
0.0000

■ 38.3313, 40.9273,
39.1372

■ 38.3313, 40.9273,
39.1372

■ 36.6711, 39.8625,
31.6295

■ 40.2069, 42.0850,
47.7568

■ 35.2144, 38.8817,
25.1856

■ 42.3027, 43.3335,
57.5285

■ 33.9529, 37.9830,
19.7575

■ 44.6275, 44.6777,
68.4939

■ 32.8767, 37.1625,
15.2928

■ 47.1888, 46.1205,
80.6916

■ 31.9749, 36.4157,
11.7344

■ 49.9934, 47.6647,
94.1585

■ 31.2356, 35.7379,
9.0190

■ 51.5982, 48.7332,
101.2947

■ 30.6451, 35.1235,
7.0752

■ 51.8674, 49.2714,
101.3844

■ 30.1876, 34.5664,
5.8199

■ 52.1391, 49.8148,
101.4749

■ 29.8388, 34.0566,
5.1244

■ 52.4133, 50.3633,
101.5664

Harmonies

Analogous

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



39.3957, 40.9273, 39.0822



38.3313, 40.9273, 39.1372



37.4354, 40.9273, 40.6015

Triad

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



38.3313, 40.9273, 39.1372



37.4912, 40.9273, 48.9483



40.9326, 40.9273, 45.9910

Complementary

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



38.3313, 40.9273, 39.1372



34.7850, 35.9801, 44.6473

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.



40.4027, 40.9273, 48.7739



38.3313, 40.9273, 39.1372



38.4088, 40.9273, 50.5334

Square

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



38.3313, 40.9273, 39.1372



36.9564, 40.9273, 46.2202



39.4746, 40.9273, 50.4682



40.9109, 40.9273, 42.9456

Rectangle

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



38.3313, 40.9273, 39.1372



37.0484, 40.9273, 42.2198



39.4746, 40.9273, 50.4682



40.8126, 40.9273, 46.9910

Sweetspot

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



38.3324, 40.9291, 39.1381



70.4419, 74.4152, 78.2999



36.2454, 36.6026, 38.9120



15.3169, 16.1772, 17.0545



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.



38.3324, 40.9291, 39.1381



68.1360, 72.9764, 67.7498



37.3492, 40.7050, 39.1467



8.6093, 9.2235, 8.5399



21.8802, 24.9660, 3.6657



0.6239, 0.7249, 0.1070

Inverse Universe

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



34.7850, 35.9801, 44.6473



60.4786, 62.2936, 79.6421



35.7181, 36.2035, 44.6412



7.6264, 7.8523, 10.0664



5.6673, 2.4685, 29.2223



0.1733, 0.0999, 0.8181

Previews

White Background



This preview shows how the XYZ color 38.3313, 40.9273, 39.1372 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 38.3313, 40.9273, 39.1372 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

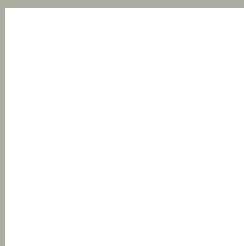
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3313, 40.9273, 39.1372

Background



This preview shows how black text looks on a background with the XYZ color 38.3313, 40.9273, 39.1372.



This preview shows how white text looks on a background with the XYZ color 38.3313, 40.9273,

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

38.3313, 40.9273, 39.1372

Protanopia

38.9524, 40.9761, 38.6571

Deuteranopia

41.6264, 40.6899, 39.3782



Tritanopia

40.5360, 40.9834, 50.0301

Trichromacy



Original Color

38.3313, 40.9273, 39.1372

Protanomaly

38.7254, 40.8591, 38.6464

Deuteranomaly

40.4432, 40.8928, 39.4797

Tritanomaly

39.6939, 40.9194, 45.8505

Monochromacy



Original Color

38.3313, 40.9273, 39.1372

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5512, 40.6865, 42.3806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3313, 40.9273, 39.1372 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, 172, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 160)  
}
```

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, 172, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.3313, 40.9273, 39.1372 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, 172, 160) }
```


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

```
.border{ border-color:rgb(173, 172, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 160);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3313, 40.9273, 39.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 160) }
```

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

```
.background{ background-color: rgb(173,  
172, 160) }
```

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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