

Converting Colors

XYZ(38.8679, 40.2387, 44.7480)

Have a look what the booklet for
XYZ(38.8679, 40.2387, 44.7480)
contains.

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Color

**XYZ(38.8679, 40.2387,
44.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA9AC
RGB	173, 169, 172
RGB Percent	68%, 66%, 67%
CMY	0.3216, 0.3372, 0.3255
CMYK	0.00, 0.02, 0.01, 0.32
HSL	315°, 2%, 67%
HSV	315°, 2%, 68%
XYZ	38.8679, 40.2387, 44.7480
YIQ	170.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

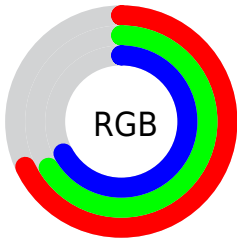
Format	Color
R _{YB}	173, 169, 172
Decimal	11381164
CIE Lab	69.64, 1.99, -1.04
CIE LCh	70, 2.248, 332.356
Yxy	40.2387, 0.3138, 0.3249
Android (android.graphics.Color)	4289571244 (0xFFADA9AC)
YUV	170.5380, 0.7208, 2.1592
Hunter-Lab	63.4340, -1.6372, 2.5791

Details

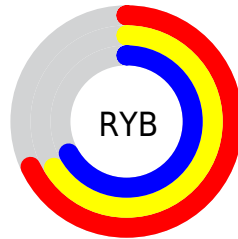
The XYZ color **38.8679, 40.2387, 44.7480** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5629, 41.2254, 43.9570**, and the grayscale version is **38.4741, 40.4777, 44.0802**.

A 20% lighter version of the original color is **72.5157, 75.3513, 83.3953**, and **17.6366, 18.1436, 20.3418** is the 20% darker color. If you saturate the color by 10%, you get **35.4516, 34.0599, 41.5922**, and if you desaturate by 10%, it is **42.7259, 47.2781, 48.1188**.

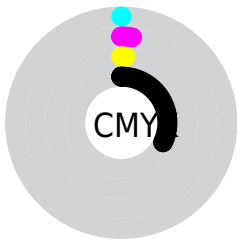
Distribution



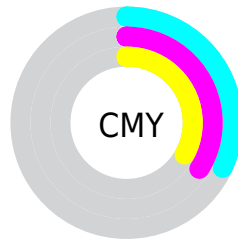
- Red (68%)
- Green (66%)
- Blue (67%)



- Red (68%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8679, 40.2387, 44.7480 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 38.8679, 40.2387, 44.7480 by changing the saturation by 10% instead.

■ 38.8679, 40.2387,
44.7480

■ 38.8679, 40.2387,
44.7480

332.5454,
347.1286, 381.8823

■ 26.8372, 27.7247,
30.9175

■ 72.7318, 75.5269,
83.6566

■ 17.5870, 18.1182,
20.2781

■ 95.2958, 99.0698,
109.5717

■ 10.7518, 11.0349,
12.4113

122.1016,
127.0579, 140.3521

■ 5.9662, 6.0903,
6.8985

153.5146,
159.8754, 176.4163

■ 2.8650, 2.9001,
3.3212

189.9001,
197.9069, 218.1829

■ 1.0828, 1.0798,
1.2609

231.6235,

■ 0.0106, 0.0000,

241.5367, 266.0704

0.0294

279.0501,
291.1491, 320.4974

■ 0.0000, 0.0000,
0.0000

■ 38.8679, 40.2387,
44.7480

■ 38.8679, 40.2387,
44.7480

■ 35.4516, 34.0599,
41.5922

■ 42.7259, 47.2781,
48.1188

■ 32.4567, 28.7032,
38.6426

■ 47.0380, 55.2043,
51.7078

■ 29.8668, 24.1350,
35.8935

■ 51.8203, 64.0489,
55.5216

■ 27.6626, 20.3173,
33.3379

■ 57.0871, 73.8403,
59.5656

■ 25.8235, 17.2089,
30.9682

■ 62.6909, 84.2832,
63.7910

■ 24.3268, 14.7648,
28.7762

■ 63.1830, 84.4800,
66.3824

■ 23.1474, 12.9346,
26.7528

■ 63.6894, 84.6826,
69.0489

■ 22.2562, 11.6608,
24.8878

■ 64.2102, 84.8909,
71.7911

■ 21.6189, 10.8749,
23.1689

■ 64.7454, 85.1050,
74.6097

Harmonies

Analogous

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



38.6208, 40.2387, 45.5251



38.8679, 40.2387, 44.7480



38.9480, 40.2387, 43.7309

Triad

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



38.8679, 40.2387, 44.7480



38.2170, 40.2387, 41.8442



37.6586, 40.2387, 44.8927

Complementary

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



38.8679, 40.2387, 44.7480



38.5629, 41.2254, 43.9570

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.



37.5519, 40.2387, 43.8954



38.8679, 40.2387, 44.7480



37.8730, 40.2387, 42.1446

Square

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



38.8679, 40.2387, 44.7480



38.5707, 40.2387, 42.0645



37.6301, 40.2387, 42.8913



37.9224, 40.2387, 45.6095

Rectangle

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



38.8679, 40.2387, 44.7480



38.8954, 40.2387, 43.0565



37.6301, 40.2387, 42.8913



37.6032, 40.2387, 44.5786

Sweetspot

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



38.8690, 40.2404, 44.7489



70.4600, 73.6098, 80.9008



38.3100, 39.9411, 45.2259



15.3207, 16.0118, 17.5888



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.



38.8690, 40.2404, 44.7489



69.1310, 71.1945, 79.7097



38.6786, 40.1642, 43.7458



8.6865, 8.9031, 10.0294



15.6309, 7.7149, 16.2334



0.4550, 0.2227, 0.5579

Inverse Universe

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



38.8690, 40.2404, 44.7489



69.1310, 71.1945, 79.7097



38.7534, 41.3016, 44.9601



8.6865, 8.9031, 10.0294



15.6309, 7.7149, 16.2334



0.4550, 0.2227, 0.5579

Previews

White Background



This preview shows how the XYZ color 38.8679, 40.2387, 44.7480 looks on a white background.

Color Contrast Check

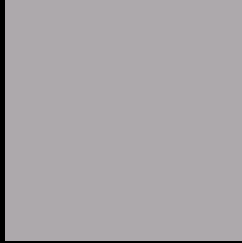
Large Text (above 18pt) WCAG AA × Fail

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 38.8679, 40.2387, 44.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

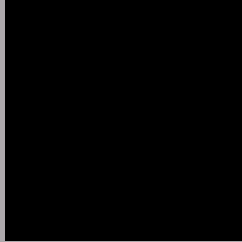
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8679, 40.2387, 44.7480

Background



This preview shows how black text looks on a background with the XYZ color 38.8679, 40.2387, 44.7480.



This preview shows how white text looks on a background with the XYZ color 38.8679, 40.2387,

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

38.8679, 40.2387, 44.7480

Protanopia

38.6476, 40.1251, 44.7377

Deuteranopia

41.0055, 40.2417, 45.1414



Tritanopia

39.7987, 40.3401, 49.4049

Trichromacy



Original Color

38.8679, 40.2387, 44.7480

Protanomaly

38.6476, 40.1251, 44.7377

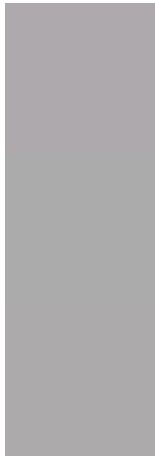
Deuteranomaly

40.2351, 40.1133, 45.1572

Tritanomaly

39.4941, 40.2183, 47.8008

Monochromacy



Original Color

38.8679, 40.2387, 44.7480

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7387, 40.4604, 44.2960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8679, 40.2387, 44.7480 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, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 172)  
}
```

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, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 172) }
```

Border

The CSS property to change the border of an element to XYZ 38.8679, 40.2387, 44.7480 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, 169, 172) }
```


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

```
.border{ border-color:rgb(173, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8679, 40.2387, 44.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 172) }
```

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

```
.background{ background-color: rgb(173,  
169, 172) }
```

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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