

Converting Colors

XYZ(38.5716, 40.8520, 40.5007)

Have a look what the booklet for
XYZ(38.5716, 40.8520, 40.5007)
contains.

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Color

**XYZ(38.4073, 40.6544,
40.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	ADABA3
RGB	173, 171, 163
RGB Percent	68%, 67%, 64%
CMY	0.3216, 0.3294, 0.3608
CMYK	0.00, 0.01, 0.06, 0.32
HSL	48°, 6%, 66%
HSV	48°, 6%, 68%
XYZ	38.4073, 40.6544, 40.4731
YIQ	170.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

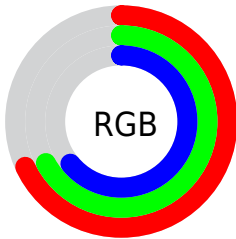
Format	Color
RYB	166, 173, 163
Decimal	11381667
CIELab	69.93, -0.75, 4.36
CIELCh	70, 4.422, 99.733
Yxy	40.6544, 0.3213, 0.3401
Android (android.graphics.Color)	4289571747 (0xFFADABA3)
YUV	170.6860, -3.7892, 2.0294
Hunter-Lab	63.7608, -4.0592, 6.9974

Details

The XYZ color **38.4073, 40.6544, 40.4731** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1021, 37.7132, 44.9121**, and the grayscale version is **38.5692, 40.5778, 44.1892**.

A 20% lighter version of the original color is **71.8462, 75.9486, 77.2025**, and **17.3512, 18.4063, 17.6772** is the 20% darker color. If you saturate the color by 10%, you get **36.3186, 38.7899, 32.6454**, and if you desaturate by 10%, it is **40.7274, 42.6413, 49.4251**.

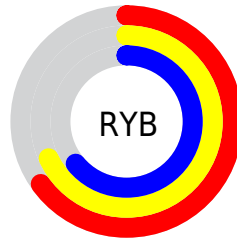
Distribution



Red (68%)

Green (67%)

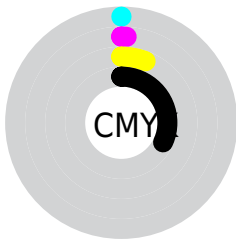
Blue (64%)



Red (65%)

Yellow (68%)

Blue (64%)

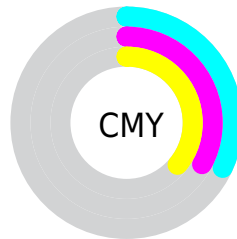


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4073, 40.6544, 40.4731 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 38.4073, 40.6544, 40.4731 by changing the saturation by 10% instead.

■ 38.4073, 40.6544,
40.4731

■ 38.4073, 40.6544,
40.4731

330.6147,
348.8741, 363.7248

■ 26.4776, 28.0491,
27.5910

■ 72.0319, 76.1590,
77.1283

■ 17.3158, 18.3627,
17.7812

■ 94.4575, 99.8271,
101.7386

■ 10.5566, 11.2107,
10.6252

121.1124,
127.9516, 131.0953

■ 5.8346, 6.2087,
5.7044

152.3620,
160.9169, 165.6170

■ 2.7845, 2.9724,
2.6003

188.5717,
199.1074, 205.7223

■ 1.0408, 1.1174,
0.8926

230.1068,

■ 0.0000, 0.0000,

242.9076, 251.8297

0.0000

277.3327,
292.7016, 304.3577

■ 38.4073, 40.6544,
40.4731

■ 38.4073, 40.6544,
40.4731

■ 36.3186, 38.7899,
32.6454

■ 40.7274, 42.6413,
49.4251

■ 34.4492, 37.0390,
25.8943

■ 43.2837, 44.7489,
59.5414

■ 32.7911, 35.3993,
20.1726

■ 46.0852, 46.9822,
70.8631

■ 31.3342, 33.8669,
15.4284

■ 49.1391, 49.3445,
83.4286

■ 30.0677, 32.4370,
11.6054

■ 52.4527, 51.8386,
97.2745

■ 28.9797, 31.1048,
8.6415

■ 54.0735, 53.6839,
102.1198

■ 28.0568, 29.8647,
6.4669

■ 54.8394, 55.2157,
102.3751

■ 27.2836, 28.7102,
5.0009

■ 55.6232, 56.7833,
102.6364

■ 26.6401, 27.6331,
4.1393

■ 56.4251, 58.3870,
102.9036

Harmonies

Analogous

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



39.1222, 40.6544, 40.6508



38.4073, 40.6544, 40.4731



37.7629, 40.6544, 41.2871

Triad

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



38.4073, 40.6544, 40.4731



37.5862, 40.6544, 46.8479



39.9536, 40.6544, 45.6529

Complementary

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



38.4073, 40.6544, 40.4731



36.1021, 37.7132, 44.9121

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.



39.5322, 40.6544, 47.3843



38.4073, 40.6544, 40.4731



38.1634, 40.6544, 48.0889

Square

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



38.4073, 40.6544, 40.4731



37.2928, 40.6544, 44.9392



38.8752, 40.6544, 48.2882



40.0209, 40.6544, 43.5991

Rectangle

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



38.4073, 40.6544, 40.4731



37.4578, 40.6544, 42.2979



38.8752, 40.6544, 48.2882



39.8484, 40.6544, 46.2936

Sweetspot

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



38.4084, 40.6562, 40.4740



70.2938, 74.1190, 78.2506



37.1228, 37.7958, 40.9366



15.2865, 16.1164, 17.0444



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.



38.4084, 40.6562, 40.4740



68.2613, 72.3519, 70.4894



38.1324, 41.0779, 40.5699



8.6152, 9.1343, 8.8528



19.4270, 20.0595, 2.8480



0.5745, 0.6262, 0.0906

Inverse Universe

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



36.1021, 37.7132, 44.9121



63.2168, 65.9150, 80.1967



36.3664, 37.3191, 44.8221



7.9499, 8.2854, 10.1329



6.0065, 3.1469, 29.3353



0.2039, 0.1611, 0.8283

Previews

White Background



This preview shows how the XYZ color 38.4073, 40.6544, 40.4731 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 38.4073, 40.6544, 40.4731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

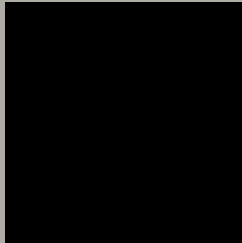
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4073, 40.6544, 40.4731

Background



This preview shows how black text looks on a background with the XYZ color 38.4073, 40.6544, 40.4731.



This preview shows how white text looks on a background with the XYZ color 38.4073, 40.6544,

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

38.4073, 40.6544, 40.4731

Protanopia

38.8901, 40.6239, 40.4418

Deuteranopia

41.3912, 40.5378, 40.7650



Tritanopia

40.2476, 40.5716, 49.4259

Trichromacy



Original Color

38.4073, 40.6544, 40.4731

Protanomaly

38.6648, 40.5078, 40.4313

Deuteranomaly

40.2867, 40.5081, 40.8175

Tritanomaly

39.5071, 40.5459, 45.7883

Monochromacy



Original Color

38.4073, 40.6544, 40.4731

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6441, 40.7236, 42.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4073, 40.6544, 40.4731 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, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 163)  
}
```

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, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 163) }
```

Border

The CSS property to change the border of an element to XYZ 38.4073, 40.6544, 40.4731 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, 171, 163) }
```


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

```
.border{ border-color:rgb(173, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4073, 40.6544, 40.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 163) }
```

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

```
.background{ background-color: rgb(173,  
171, 163) }
```

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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