

Converting Colors

XYZ(39.2281, 40.7868, 39.3617)

Have a look what the booklet for
XYZ(39.2281, 40.7868, 39.3617)
contains.

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Color

**XYZ(39.3982, 40.9064,
39.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AAA1
RGB	179, 170, 161
RGB Percent	70%, 67%, 63%
CMY	0.2980, 0.3333, 0.3686
CMYK	0.00, 0.05, 0.10, 0.30
HSL	30°, 11%, 67%
HSV	30°, 10%, 70%
XYZ	39.3982, 40.9064, 39.5374
YIQ	171.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

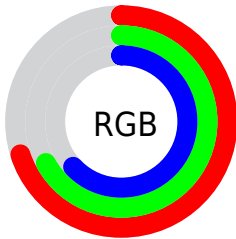
Format	Color
RYB	179, 179, 161
Decimal	11774625
CIELab	70.11, 1.64, 5.78
CIELCh	70, 6.009, 74.154
Yxy	40.9064, 0.3288, 0.3413
Android (android.graphics.Color)	4289964705 (0xFFB3AAA1)
YUV	171.6650, -5.2578, 6.4328
Hunter-Lab	63.9581, -1.9707, 8.1190

Details

The XYZ color **39.3982, 40.9064, 39.5374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2093, 39.5805, 48.3270**, and the grayscale version is **39.0672, 41.1017, 44.7598**.

A 20% lighter version of the original color is **73.5808, 76.4705, 75.8479**, and **17.8971, 18.5183, 17.3830** is the 20% darker color. If you saturate the color by 10%, you get **36.3112, 37.0800, 31.2701**, and if you desaturate by 10%, it is **42.8277, 45.0551, 49.0348**.

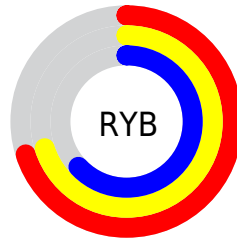
Distribution



Red (70%)

Green (67%)

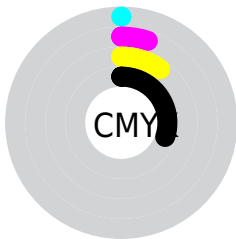
Blue (63%)



Red (70%)

Yellow (70%)

Blue (63%)

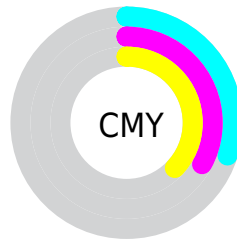


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3982, 40.9064, 39.5374 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 39.3982, 40.9064, 39.5374 by changing the saturation by 10% instead.

■ 39.3982, 40.9064,
39.5374

■ 39.3982, 40.9064,
39.5374

334.7586,
349.9293, 359.6639

■ 27.2518, 28.2460,
26.8670

■ 73.5364, 76.5418,
75.6879

■ 17.9000, 18.5111,
17.2418

■ 96.2589, 100.2855,
100.0051

■ 10.9774, 11.3176,
10.2433

123.2375,
128.4925, 129.0417

■ 6.1188, 6.2809,
5.4528

154.8374,
161.5470, 163.2162

■ 2.9588, 3.0166,
2.4520

191.4242,
199.8336, 202.9471

■ 1.1320, 1.1404,
0.8145

233.3630,

■ 0.0517, 0.0122,

243.7366, 248.6530

0.0000

281.0194,
293.6403, 300.7524

■ 0.0000, 0.0000,
0.0000

■ 39.3982, 40.9064,
39.5374

■ 39.3982, 40.9064,
39.5374

■ 36.3112, 37.0800,
31.2701

■ 42.8277, 45.0551,
49.0348

■ 33.5514, 33.5622,
24.1792

■ 46.6074, 49.5288,
59.8076

■ 31.1075, 30.3460,
18.2109

■ 50.7490, 54.3368,
71.9024

■ 28.9659, 27.4222,
13.3060

■ 55.2629, 59.4865,
85.3621

■ 27.1121, 24.7811,
9.4001

■ 60.1585, 64.9851,
100.2282

■ 25.5300, 22.4121,
6.4214

■ 63.2117, 69.9459,
104.7770

■ 24.2016, 20.3036,
4.2886

■ 65.6753, 74.8732,
105.5983

■ 23.1063, 18.4430,
2.9058

■ 68.2674, 80.0573,
106.4623

■ 22.2076, 16.8177,
2.0757

■ 70.9896, 85.5018,
107.3697

Harmonies

Analogous

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



40.2509, 40.9064, 40.8780



39.3982, 40.9064, 39.5374



38.4204, 40.9064, 39.4993

Triad

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



39.3982, 40.9064, 39.5374



37.0779, 40.9064, 45.8757



40.2106, 40.9064, 48.5340

Complementary

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



39.3982, 40.9064, 39.5374



37.2093, 39.5805, 48.3270

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.



39.3439, 40.9064, 49.9926



39.3982, 40.9064, 39.5374



37.5411, 40.9064, 48.4146

Square

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



39.3982, 40.9064, 39.5374



37.0918, 40.9064, 43.0797



38.3670, 40.9064, 49.9480



40.7254, 40.9064, 46.0332

Rectangle

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



39.3982, 40.9064, 39.5374



37.8297, 40.9064, 40.2129



38.3670, 40.9064, 49.9480



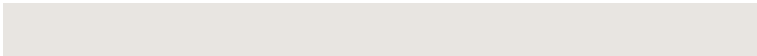
39.9502, 40.9064, 49.1671

Sweetspot

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



39.3993, 40.9082, 39.5383



74.7983, 78.4065, 82.4892



38.5915, 37.9763, 43.3269



16.4607, 17.2373, 17.9669



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.



39.3993, 40.9082, 39.5383



69.3242, 71.7450, 67.4495



41.1441, 44.3977, 40.1199



8.8358, 9.1841, 8.9595



15.7579, 12.0143, 1.4885



0.5542, 0.4947, 0.0663

Inverse Universe

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



37.2093, 39.5805, 48.3270



64.6334, 68.9013, 86.2739



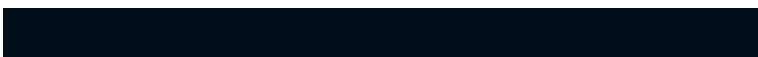
35.5801, 36.3221, 47.7839



8.3811, 8.9085, 10.7841



8.3668, 7.5340, 31.1502



0.3216, 0.3537, 0.9996

Previews

White Background



This preview shows how the XYZ color 39.3982, 40.9064, 39.5374 looks on a white background.

Color Contrast Check

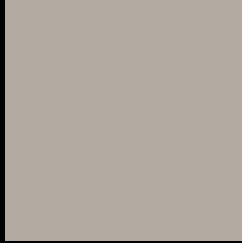
Large Text (above 18pt) WCAG AA × Fail

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 39.3982, 40.9064, 39.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

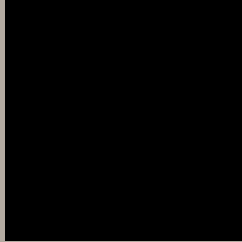
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3982, 40.9064, 39.5374

Background



This preview shows how black text looks on a background with the XYZ color 39.3982, 40.9064, 39.5374.

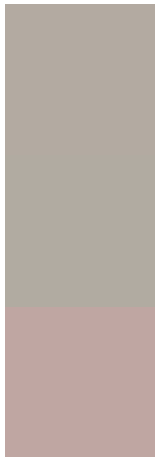


This preview shows how white text looks on a background with the XYZ color 39.3982, 40.9064,

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

39.3982, 40.9064, 39.5374

Protanopia

39.1274, 41.0461, 39.5787

Deuteranopia

41.6437, 40.9574, 39.8931



Tritanopia

41.3483, 40.8778, 48.8909

Trichromacy



Original Color

39.3982, 40.9064, 39.5374

Protanomaly

39.3560, 41.1640, 39.5894

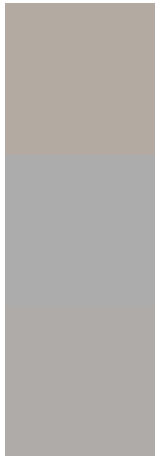
Deuteranomaly

40.8338, 40.8109, 39.9075

Tritanomaly

40.6015, 40.8462, 45.2793

Monochromacy



Original Color

39.3982, 40.9064, 39.5374

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.3100, 41.0669, 42.9006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3982, 40.9064, 39.5374 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(179, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 161)  
}
```

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(179, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 161) }
```

Border

The CSS property to change the border of an element to XYZ 39.3982, 40.9064, 39.5374 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(179, 170, 161) }
```


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

```
.border{ border-color:rgb(179, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3982, 40.9064, 39.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 161) }
```

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

```
.background{ background-color: rgb(179,  
170, 161) }
```

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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