

Converting Colors

XYZ(39.1542, 40.3121, 43.5147)

Have a look what the booklet for
XYZ(39.1542, 40.3121, 43.5147)
contains.

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Color

**XYZ(39.3482, 40.5083,
43.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A9AA
RGB	176, 169, 170
RGB Percent	69%, 66%, 67%
CMY	0.3098, 0.3372, 0.3333
CMYK	0.00, 0.04, 0.03, 0.31
HSL	351°, 4%, 68%
HSV	351°, 4%, 69%
XYZ	39.3482, 40.5083, 43.7752
YIQ	171.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

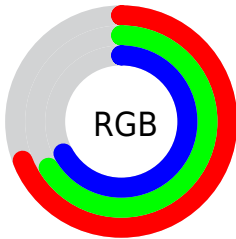
Format	Color
RYB	176, 169, 170
Decimal	11577770
CIELab	69.83, 2.69, 0.37
CIElCh	70, 2.716, 7.863
Yxy	40.5083, 0.3183, 0.3277
Android (android.graphics.Color)	4289767850 (0xFFB0A9AA)
YUV	171.2070, -0.5951, 4.2035
Hunter-Lab	63.6461, -1.0260, 3.7732

Details

The XYZ color **39.3482, 40.5083, 43.7752** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6270, 42.5820, 46.6902**, and the grayscale version is **38.8152, 40.8366, 44.4711**.

A 20% lighter version of the original color is **73.5250, 75.9034, 82.0098**, and **17.9435, 18.3157, 19.7291** is the 20% darker color. If you saturate the color by 10%, you get **34.9453, 33.8572, 35.6635**, and if you desaturate by 10%, it is **44.3581, 48.1100, 52.8989**.

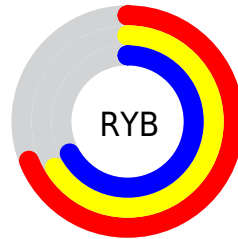
Distribution



Red (69%)

Green (66%)

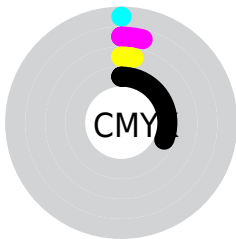
Blue (67%)



Red (69%)

Yellow (66%)

Blue (67%)

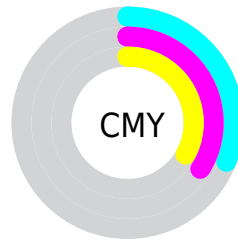


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3482, 40.5083, 43.7752 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 39.3482, 40.5083, 43.7752 by changing the saturation by 10% instead.

■ 39.3482, 40.5083,
43.7752

■ 39.3482, 40.5083,
43.7752

334.5504,
348.2613, 377.8046

■ 27.2127, 27.9351,
30.1579

■ 73.4606, 75.9369,
82.1782

■ 17.8704, 18.2767,
19.7054

■ 96.1682, 99.5611,
107.8011

■ 10.9561, 11.1488,
11.9991

123.1305,
127.6377, 138.2628

■ 6.1044, 6.1670,
6.6206

154.7129,
160.5512, 173.9821

■ 2.9499, 2.9469,
3.1511

191.2807,
198.6859, 215.3773

■ 1.1273, 1.1041,
1.1723

233.1993,

■ 0.0478, 0.0000,

242.4262, 262.8672

0.0000

280.8341,
292.1566, 316.8701

■ 0.0000, 0.0000,
0.0000

■ 39.3482, 40.5083,
43.7752

■ 39.3482, 40.5083,
43.7752

■ 34.9453, 33.8572,
35.6635

■ 44.3581, 48.1100,
52.8989

■ 31.1229, 28.1143,
28.5264

■ 49.9933, 56.6920,
63.0652

■ 27.8578, 23.2417,
22.3277

■ 56.2757, 66.2896,
74.3066

■ 25.1236, 19.1968,
17.0282

■ 63.2249, 76.9345,
86.6534

■ 22.8922, 15.9335,
12.5860

■ 70.2170, 87.3711,
99.9204

■ 21.1324, 13.4012,
8.9557

■ 71.7148, 87.9703,
107.8079

■ 19.8097, 11.5431,
6.0876

■ 18.8848, 10.2944,
3.9266

■ 18.3112, 9.5771,
2.4098

Harmonies

Analogous

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



39.2929, 40.5083, 45.0283



39.3482, 40.5083, 43.7752



39.1754, 40.5083, 42.6326

Triad

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



39.3482, 40.5083, 43.7752



37.9837, 40.5083, 42.2167



38.1832, 40.5083, 46.3950

Complementary

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



39.3482, 40.5083, 43.7752



39.6270, 42.5820, 46.6902

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.



37.8362, 40.5083, 45.6143



39.3482, 40.5083, 43.7752



37.7217, 40.5083, 43.1977

Square

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



39.3482, 40.5083, 43.7752



38.3860, 40.5083, 41.7440



37.6679, 40.5083, 44.4398



38.6181, 40.5083, 46.5568

Rectangle

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



39.3482, 40.5083, 43.7752



38.9548, 40.5083, 42.0817



37.6679, 40.5083, 44.4398



38.0525, 40.5083, 46.1956

Sweetspot

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



39.3493, 40.5101, 43.7761



73.9368, 77.3662, 84.0949



39.6937, 40.6205, 46.8235



16.0339, 16.7826, 18.2441



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.3493, 40.5101, 43.7761



70.4241, 72.0455, 77.6688



39.7153, 41.3923, 43.4344



8.9322, 9.1111, 9.8111



13.2798, 6.8295, 1.3673



0.4332, 0.2210, 0.1242

Inverse Universe

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



39.3493, 40.5101, 43.7761



70.4241, 72.0455, 77.6688



39.2494, 41.6695, 47.0494



8.9322, 9.1111, 9.8111



13.2798, 6.8295, 1.3673



0.4332, 0.2210, 0.1242

Previews

White Background



This preview shows how the XYZ color 39.3482, 40.5083, 43.7752 looks on a white background.

Color Contrast Check

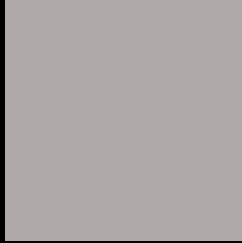
Large Text (above 18pt) WCAG AA × Fail

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 39.3482, 40.5083, 43.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

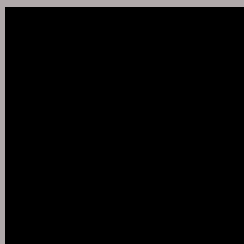
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

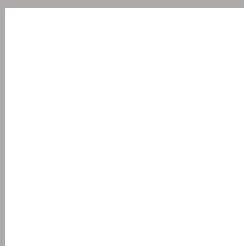
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3482, 40.5083, 43.7752

Background



This preview shows how black text looks on a background with the XYZ color 39.3482, 40.5083, 43.7752.

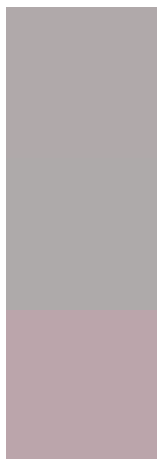


This preview shows how white text looks on a background with the XYZ color 39.3482, 40.5083,

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

39.3482, 40.5083, 43.7752

Protanopia

39.0860, 40.6504, 43.8165

Deuteranopia

41.2993, 40.4153, 44.1523



Tritanopia

40.5193, 40.4386, 49.3859

Trichromacy



Original Color

39.3482, 40.5083, 43.7752

Protanomaly

39.3096, 40.7657, 43.8269

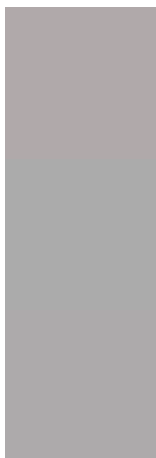
Deuteranomaly

40.5153, 40.2800, 44.1675

Tritanomaly

40.0699, 40.5267, 47.3055

Monochromacy



Original Color

39.3482, 40.5083, 43.7752

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9590, 40.5740, 44.3063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3482, 40.5083, 43.7752 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(176, 169, 170)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 170)  
}
```

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(176, 169, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 170) }
```

Border

The CSS property to change the border of an element to XYZ 39.3482, 40.5083, 43.7752 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(176, 169, 170) }
```


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

```
.border{ border-color:rgb(176, 169, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 169, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 169, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 169, 170);  
box-shadow:4px 4px 4px 4px rgb(176, 169,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3482, 40.5083, 43.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 170) }
```

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

```
.background{ background-color: rgb(176,  
169, 170) }
```

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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