

Converting Colors

XYZ(39.4772, 43.8652, 43.3920)

Have a look what the booklet for
XYZ(39.4772, 43.8652, 43.3920)
contains.

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Color

**XYZ(39.3255, 43.6852,
43.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B4A8
RGB	167, 180, 168
RGB Percent	65%, 71%, 66%
CMY	0.3451, 0.2941, 0.3412
CMYK	0.07, 0.00, 0.07, 0.29
HSL	125°, 8%, 68%
HSV	125°, 7%, 71%
XYZ	39.3255, 43.6852, 43.4052
YIQ	174.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

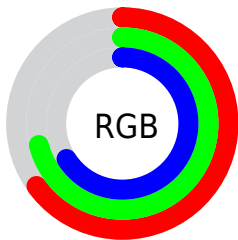
Format	Color
RYB	167, 179, 180
Decimal	10990760
CIELab	72.02, -6.81, 4.56
CIElCh	72, 8.196, 146.191
Yxy	43.6852, 0.3111, 0.3456
Android (android.graphics.Color)	4289180840 (0xFFA7B4A8)
YUV	174.7450, -3.3253, -6.7924
Hunter-Lab	66.0948, -9.4608, 7.3299

Details

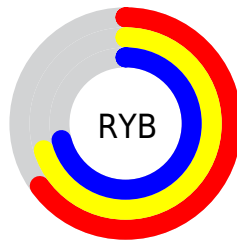
The XYZ color **39.3255, 43.6852, 43.4052** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7794, 40.5965, 48.3366**, and the grayscale version is **40.6349, 42.7510, 46.5559**.

A 20% lighter version of the original color is **73.4389, 80.8482, 81.5467**, and **17.8120, 20.0845, 19.4609** is the 20% darker color. If you saturate the color by 10%, you get **34.3340, 41.2808, 35.6010**, and if you desaturate by 10%, it is **45.0467, 46.4454, 52.2779**.

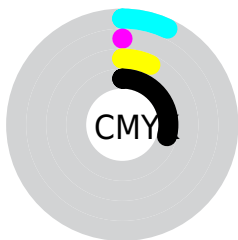
Distribution



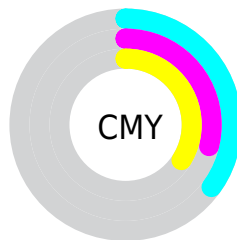
- Red (65%)
- Green (71%)
- Blue (66%)



- Red (65%)
- Yellow (70%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3255, 43.6852, 43.4052 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 39.3255, 43.6852, 43.4052 by changing the saturation by 10% instead.

■ 39.3255, 43.6852,
43.4052

■ 39.3255, 43.6852,
43.4052

334.4558,
361.4221, 376.2456

■ 27.1949, 30.4231,
29.8694

■ 73.4262, 80.7438,
81.6149

■ 17.8570, 20.1600,
19.4883

■ 96.1270, 105.3092,
107.1258

■ 10.9464, 12.5114,
11.8433

123.0819,
134.4110, 137.4656

■ 6.0979, 7.0929,
6.5158

154.6563,
168.4338, 173.0527

■ 2.9459, 3.5203,
3.0874

191.2156,
207.7619, 214.3058

■ 1.1252, 1.4090,
1.1394

233.1250,

■ 0.0461, 0.2234,

252.7797, 261.6432

0.0000

280.7499,
303.8717, 315.4836

■ 0.0000, 0.0000,
0.0000

■ 39.3255, 43.6852,
43.4052

■ 39.3255, 43.6852,
43.4052

■ 34.3340, 41.2808,
35.6010

■ 45.0467, 46.4454,
52.2779

■ 30.0392, 39.2124,
28.8223

■ 51.5213, 49.5691,
62.2544

■ 26.4113, 37.4666,
23.0274

■ 58.7767, 53.0708,
73.3716

■ 23.4168, 36.0273,
18.1704

■ 66.8378, 56.9627,
85.6643

■ 21.0192, 34.8766,
14.2023

■ 74.9873, 60.8743,
99.1306

■ 19.1785, 33.9951,
11.0690

■ 75.6121, 61.1243,
102.4207

■ 17.8494, 33.3608,
8.7110

■ 16.9799, 32.9482,
7.0607

■ 16.4977, 32.7217,
6.0386

Harmonies

Analogous

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



40.3451, 43.6852, 40.9802



39.3255, 43.6852, 43.4052



38.8940, 43.6852, 47.0556

Triad

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



39.3255, 43.6852, 43.4052



41.3430, 43.6852, 55.6771



43.9832, 43.6852, 44.2448

Complementary

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



39.3255, 43.6852, 43.4052



40.7794, 40.5965, 48.3366

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.



44.2647, 43.6852, 48.0795



39.3255, 43.6852, 43.4052



42.7205, 43.6852, 54.8216

Square

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



39.3255, 43.6852, 43.4052



40.0421, 43.6852, 54.2607



43.7977, 43.6852, 51.9840



43.0368, 43.6852, 41.4455

Rectangle

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



39.3255, 43.6852, 43.4052



38.9905, 43.6852, 49.7472



43.7977, 43.6852, 51.9840



44.1596, 43.6852, 45.4491

Sweetspot

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



39.3267, 43.6871, 43.4062



76.5183, 81.7239, 86.8024



41.9195, 45.0344, 43.0429



16.5627, 17.6752, 18.7990



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.



39.3267, 43.6871, 43.4062



69.4556, 78.3188, 75.8206



39.9348, 43.9303, 46.6082



8.4146, 9.5003, 9.1771



11.4562, 22.8084, 4.1392



0.3692, 0.7211, 0.1761

Inverse Universe

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



40.7794, 40.5965, 48.3366



72.7502, 71.3093, 87.0024



40.1499, 40.3447, 45.0218



8.8213, 8.6352, 10.5572



17.9618, 8.7023, 26.0223



0.5734, 0.2771, 0.8625

Previews

White Background



This preview shows how the XYZ color 39.3255, 43.6852, 43.4052 looks on a white background.

Color Contrast Check

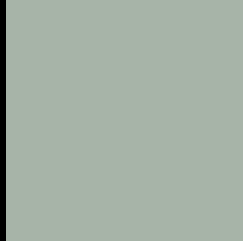
Large Text (above 18pt) WCAG AA × Fail

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 39.3255, 43.6852, 43.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

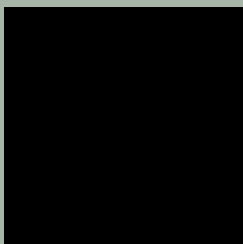
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

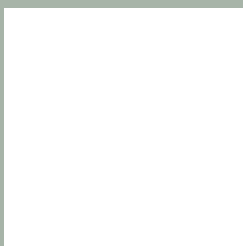
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3255, 43.6852, 43.4052

Background



This preview shows how black text looks on a background with the XYZ color 39.3255, 43.6852, 43.4052.



This preview shows how white text looks on a background with the XYZ color 39.3255, 43.6852,

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

39.3255, 43.6852, 43.4052

Protanopia

41.6997, 43.7489, 42.3230

Deuteranopia

44.3954, 43.3875, 44.0649



Tritanopia

41.9207, 43.8638, 55.5473

Trichromacy



Original Color

39.3255, 43.6852, 43.4052

Protanomaly

40.8287, 43.5814, 42.8194

Deuteranomaly

42.3051, 43.4510, 43.6933

Tritanomaly

41.0452, 43.8057, 51.0918

Monochromacy



Original Color

39.3255, 43.6852, 43.4052

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.1818, 43.1935, 45.2491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3255, 43.6852, 43.4052 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(167, 180, 168)` looks like.

```
.text, #text, p{  
    color:rgb(167, 180, 168)  
}
```

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(167, 180, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 180, 168) }
```

Border

The CSS property to change the border of an element to XYZ 39.3255, 43.6852, 43.4052 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(167, 180, 168) }
```


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

```
.border{ border-color:rgb(167, 180, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 180, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 180, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 180, 168);  
box-shadow:4px 4px 4px 4px rgb(167, 180,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3255, 43.6852, 43.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 180, 168) }
```

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

```
.background{ background-color: rgb(167,  
180, 168) }
```

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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