

Converting Colors

XYZ(39.4463, 40.5201, 44.4317)

Have a look what the booklet for
XYZ(39.4463, 40.5201, 44.4317)
contains.

XYZ(39.4431, 40.5463, 44.2754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.4431, 40.5463,
44.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A9AB
RGB	176, 169, 171
RGB Percent	69%, 66%, 67%
CMY	0.3098, 0.3372, 0.3294
CMYK	0.00, 0.04, 0.03, 0.31
HSL	343°, 4%, 68%
HSV	343°, 4%, 69%
XYZ	39.4431, 40.5463, 44.2754
YIQ	171.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

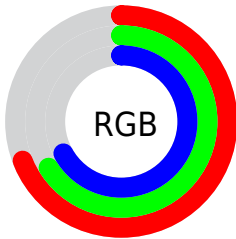
Format	Color
RYB	176, 169, 171
Decimal	11577771
CIELab	69.86, 2.87, -0.14
CIELCh	70, 2.878, 357.168
Yxy	40.5463, 0.3174, 0.3263
Android (android.graphics.Color)	4289767851 (0xFFB0A9AB)
YUV	171.3210, -0.1583, 4.1035
Hunter-Lab	63.6760, -0.8639, 3.3475

Details

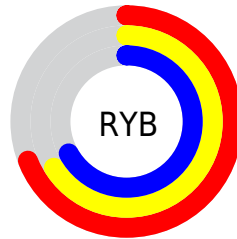
The XYZ color **39.4431, 40.5463, 44.2754** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5290, 42.5426, 46.1746**, and the grayscale version is **38.8705, 40.8948, 44.5344**.

A 20% lighter version of the original color is **73.6618, 75.9581, 82.7305**, and **18.0032, 18.3396, 20.0438** is the 20% darker color. If you saturate the color by 10%, you get **35.2446, 33.9770, 37.2402**, and if you desaturate by 10%, it is **44.1987, 48.0462, 52.0602**.

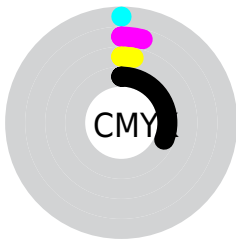
Distribution



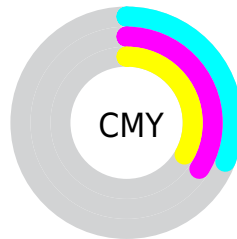
- Red (69%)
- Green (66%)
- Blue (67%)



- 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 39.4431, 40.5463, 44.2754 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 39.4431, 40.5463, 44.2754 by changing the saturation by 10% instead.

■ 39.4431, 40.5463,
44.2754

■ 39.4431, 40.5463,
44.2754

334.9455,
348.4208, 379.9051

■ 27.2869, 27.9647,
30.5483

■ 73.6045, 75.9947,
82.9389

■ 17.9265, 18.2991,
19.9996

■ 96.3404, 99.6303,
108.7123

■ 10.9966, 11.1649,
12.2106

123.3335,
127.7194, 139.3383

■ 6.1318, 6.1779,
6.7630

154.9492,
160.6464, 175.2354

■ 2.9668, 2.9535,
3.2382

191.5530,
198.7956, 216.8220

■ 1.1362, 1.1075,
1.2175

233.5100,

■ 0.0551, 0.0000,

242.5515, 264.5169

0.0000

281.1857,
292.2984, 318.7384

0.0000, 0.0000,
0.0000

39.4431, 40.5463,
44.2754

39.4431, 40.5463,
44.2754

35.2446, 33.9770,
37.2402

44.1987, 48.0462,
52.0602

31.5792, 28.2969,
30.9294

49.5276, 56.5058,
60.6134

28.4260, 23.4690,
25.3202

55.4495, 65.9592,
69.9566

25.7615, 19.4520,
20.3876

61.9821, 76.4373,
80.1096

23.5604, 16.2008,
16.1052

68.4995, 86.6841,
90.8772

■ 21.7948, 13.6662,
12.4447

■ 70.3703, 87.4325,
100.7287

■ 20.4339, 11.7929,
9.3754

■ 71.7147, 87.9702,
107.8079

■ 19.4425, 10.5175,
6.8638

■ 18.7787, 9.7641,
4.8725

Harmonies

Analogous

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



39.2985, 40.5463, 45.5590



39.4431, 40.5463, 44.2754



39.3436, 40.5463, 42.9826

Triad

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



39.4431, 40.5463, 44.2754



38.1289, 40.5463, 41.8964



38.0526, 40.5463, 46.3474

Complementary

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



39.4431, 40.5463, 44.2754



39.5290, 42.5426, 46.1746

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.



37.7436, 40.5463, 45.3343



39.4431, 40.5463, 44.2754



37.7874, 40.5463, 42.7665

Square

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



39.4431, 40.5463, 44.2754



38.5825, 40.5463, 41.6257



37.6469, 40.5463, 44.0209



38.4936, 40.5463, 46.7703

Rectangle

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



39.4431, 40.5463, 44.2754



39.1526, 40.5463, 42.2864



37.6469, 40.5463, 44.0209



37.9300, 40.5463, 46.0635

Sweetspot

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



39.4442, 40.5481, 44.2763



73.9822, 77.3844, 84.3343



39.4590, 40.4996, 46.8122



16.0432, 16.7864, 18.2932



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.



39.4442, 40.5481, 44.2763



70.6419, 72.1326, 78.8162



39.5170, 40.9960, 43.3685



8.9626, 9.1232, 9.9714



13.5853, 6.9517, 2.9760



0.4532, 0.2290, 0.2293

Inverse Universe

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



39.4442, 40.5481, 44.2763



70.6419, 72.1326, 78.8162



39.4522, 42.0752, 47.1167



8.9626, 9.1232, 9.9714



13.5853, 6.9517, 2.9760



0.4532, 0.2290, 0.2293

Previews

White Background



This preview shows how the XYZ color 39.4431, 40.5463, 44.2754 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 39.4431, 40.5463, 44.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

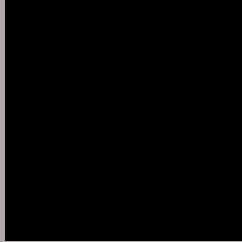
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

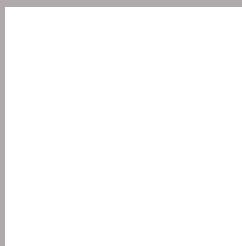
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4431, 40.5463, 44.2754

Background



This preview shows how black text looks on a background with the XYZ color 39.4431, 40.5463, 44.2754.

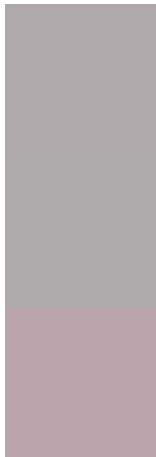


This preview shows how white text looks on a background with the XYZ color 39.4431, 40.5463,

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

39.4431, 40.5463, 44.2754

Protanopia

38.9590, 40.5740, 44.3063

Deuteranopia

41.3950, 40.4536, 44.6563



Tritanopia

40.2907, 40.3207, 49.3752

Trichromacy



Original Color

39.4431, 40.5463, 44.2754

Protanomaly

39.1810, 40.6884, 44.3167

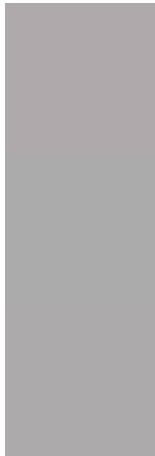
Deuteranomaly

40.6111, 40.3183, 44.6715

Tritanomaly

40.0699, 40.5267, 47.3055

Monochromacy



Original Color

39.4431, 40.5463, 44.2754

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 39.4431, 40.5463, 44.2754 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.4431, 40.5463, 44.2754 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, 171) }
```


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

```
.border{ border-color:rgb(176, 169, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 169, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 169, 171); box-shadow:4px 4px 4px 4px rgb(176, 169, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4431, 40.5463, 44.2754 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, 171) }
```

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

```
.background{ background-color: rgb(176,  
169, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor