

Converting Colors

XYZ(39.2243, 43.1693, 42.8275)

Have a look what the booklet for
XYZ(39.2243, 43.1693, 42.8275)
contains.

XYZ(39.0439, 42.9556, 42.7927)	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(39.0439, 42.9556,
42.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B2A7
RGB	168, 178, 167
RGB Percent	66%, 70%, 65%
CMY	0.3412, 0.3019, 0.3451
CMYK	0.06, 0.00, 0.06, 0.30
HSL	115°, 7%, 68%
HSV	115°, 6%, 70%
XYZ	39.0439, 42.9556, 42.7927
YIQ	173.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

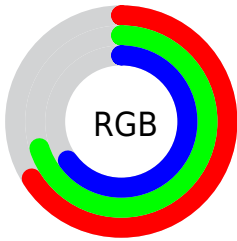
Format	Color
RYB	167, 178, 177
Decimal	11055783
CIELab	71.52, -5.58, 4.41
CIElCh	72, 7.108, 141.689
Yxy	42.9556, 0.3129, 0.3442
Android (android.graphics.Color)	4289245863 (0xFFA8B2A7)
YUV	173.7560, -3.3307, -5.0480
Hunter-Lab	65.5405, -8.3596, 7.1668

Details

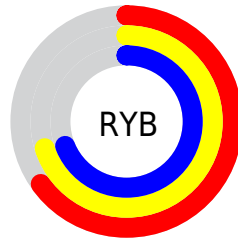
The XYZ color **39.0439, 42.9556, 42.7927** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9877, 40.2001, 47.7734**, and the grayscale version is **40.1253, 42.2150, 45.9721**.

A 20% lighter version of the original color is **73.0391, 79.8075, 80.6621**, and **17.6306, 19.6180, 19.0771** is the 20% darker color. If you saturate the color by 10%, you get **34.2770, 40.6766, 34.5628**, and if you desaturate by 10%, it is **44.4686, 45.5499, 52.2376**.

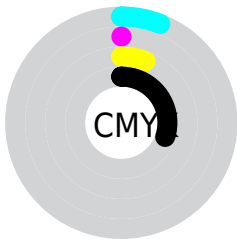
Distribution



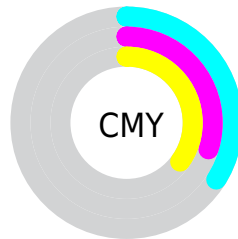
- Red (66%)
- Green (70%)
- Blue (65%)



- Red (65%)
- Yellow (70%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (34%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0439, 42.9556, 42.7927 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 39.0439, 42.9556, 42.7927 by changing the saturation by 10% instead.

■ 39.0439, 42.9556,
42.7927

■ 39.0439, 42.9556,
42.7927

333.2810,
358.4291, 373.6547

■ 26.9748, 29.8503,
29.3923

■ 72.9990, 79.6439,
80.6809

■ 17.6908, 19.7250,
19.1297

■ 95.6157, 103.9956,
106.0059

■ 10.8265, 12.1953,
11.5862

122.4790,
132.8649, 136.1427

■ 6.0167, 6.8768,
6.3435

153.9541,
166.6362, 171.5100

■ 2.8960, 3.3852,
2.9829

190.4066,
205.6939, 212.5263

■ 1.0990, 1.3360,
1.0859

232.2016,

■ 0.0243, 0.1688,

250.4223, 259.6102

0.0000

279.7047,
301.2060, 313.1801

■ 0.0000, 0.0000,
0.0000

■ 39.0439, 42.9556,
42.7927

■ 39.0439, 42.9556,
42.7927

■ 34.2770, 40.6766,
34.5628

■ 44.4686, 45.5499,
52.2376

■ 30.1394, 38.6957,
27.4959

■ 50.5709, 48.4652,
62.9411

■ 26.6057, 37.0022,
21.5404

■ 57.3746, 51.7139,
74.9479

■ 23.6478, 35.5828,
16.6399

■ 64.9009, 55.3061,
88.2999

■ 21.2349, 34.4229,
12.7327

■ 73.0082, 59.1867,
102.1840

■ 19.3335, 33.5067,
9.7511

■ 75.2112, 60.3224,
102.2871

■ 17.9066, 32.8168,
7.6186

■ 16.9117, 32.3332,
6.2467

■ 16.2972, 32.0319,
5.5190

Harmonies

Analogous

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



39.9811, 42.9556, 40.8951



39.0439, 42.9556, 42.7927



38.5869, 42.9556, 45.8225

Triad

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



39.0439, 42.9556, 42.7927



40.4954, 42.9556, 53.6205



43.0101, 42.9556, 44.3711

Complementary

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



39.0439, 42.9556, 42.7927



39.9877, 40.2001, 47.7734

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.



43.1543, 42.9556, 47.7331



39.0439, 42.9556, 42.7927



41.6868, 42.9556, 53.1852

Square

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



39.0439, 42.9556, 42.7927



39.4141, 42.9556, 52.1512



42.6657, 42.9556, 50.9893



42.2754, 42.9556, 41.7748

Rectangle

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



39.0439, 42.9556, 42.7927



38.6096, 42.9556, 48.1232



42.6657, 42.9556, 50.9893



43.1298, 42.9556, 45.4451

Sweetspot

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



39.0451, 42.9574, 42.7936



74.7336, 79.7763, 84.4289



41.0394, 43.6618, 42.8245



16.5804, 17.6855, 18.7455



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.



39.0451, 42.9574, 42.7936



69.9397, 77.4843, 76.1044



39.2470, 43.0137, 44.9635



8.6664, 9.6254, 9.4057



11.5708, 22.8750, 3.8055



0.3874, 0.7318, 0.1208

Inverse Universe

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



39.9877, 40.2001, 47.7734



71.8966, 71.7598, 86.4428



39.7813, 40.1440, 45.4936



8.9209, 8.8808, 10.7503



16.4135, 7.7973, 30.7769



0.5385, 0.2567, 0.9694

Previews

White Background



This preview shows how the XYZ color 39.0439, 42.9556, 42.7927 looks on a white background.

Color Contrast Check

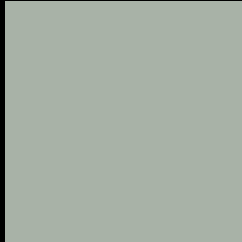
Large Text (above 18pt) WCAG AA × Fail

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 39.0439, 42.9556, 42.7927 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

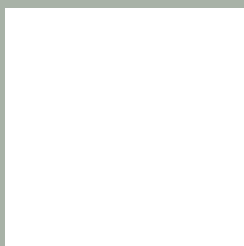
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0439, 42.9556, 42.7927

Background



This preview shows how black text looks on a background with the XYZ color 39.0439, 42.9556, 42.7927.



This preview shows how white text looks on a background with the XYZ color 39.0439, 42.9556,

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

39.0439, 42.9556, 42.7927

Protanopia

40.7500, 42.6920, 41.6899

Deuteranopia

43.5975, 42.7098, 43.4821



Tritanopia

41.3099, 42.9920, 54.2651

Trichromacy



Original Color

39.0439, 42.9556, 42.7927

Protanomaly

40.1174, 42.6432, 42.1929

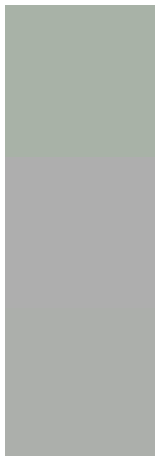
Deuteranomaly

41.8280, 42.6465, 43.0728

Tritanomaly

40.4434, 42.9329, 49.8713

Monochromacy



Original Color

39.0439, 42.9556, 42.7927

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.6939, 42.3709, 44.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0439, 42.9556, 42.7927 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(168, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 167)  
}
```

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(168, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 167) }
```

Border

The CSS property to change the border of an element to XYZ 39.0439, 42.9556, 42.7927 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(168, 178, 167) }
```


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

```
.border{ border-color:rgb(168, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0439, 42.9556, 42.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 167) }
```

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

```
.background{ background-color: rgb(168,  
178, 167) }
```

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