

Converting Colors

XYZ(39.8838, 42.9913, 49.4874)

Have a look what the booklet for
XYZ(39.8838, 42.9913, 49.4874)
contains.

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Color

**XYZ(39.8967, 42.9551,
49.3684)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B1B4
RGB	167, 177, 180
RGB Percent	65%, 69%, 71%
CMY	0.3451, 0.3059, 0.2941
CMYK	0.07, 0.02, 0.00, 0.29
HSL	194°, 8%, 68%
HSV	194°, 7%, 71%
XYZ	39.8967, 42.9551, 49.3684
YIQ	174.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

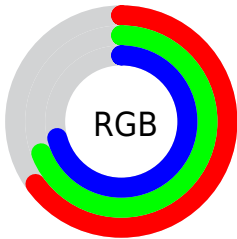
Format	Color
RYB	167, 173, 180
Decimal	10990004
CIELab	71.52, -2.89, -2.74
CIELCh	72, 3.984, 223.519
Yxy	42.9551, 0.3017, 0.3249
Android (android.graphics.Color)	4289180084 (0xFFA7B1B4)
YUV	174.3520, 2.7845, -6.4477
Hunter-Lab	65.5401, -6.0357, 1.2176

Details

The XYZ color **39.8967, 42.9551, 49.3684** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1722, 41.2423, 42.4031**, and the grayscale version is **40.4028, 42.5069, 46.2900**.

A 20% lighter version of the original color is **74.4034, 79.8636, 90.8506**, and **18.1086, 19.5924, 22.9060** is the 20% darker color. If you saturate the color by 10%, you get **35.5487, 39.5164, 48.9345**, and if you desaturate by 10%, it is **44.8015, 46.7202, 49.8373**.

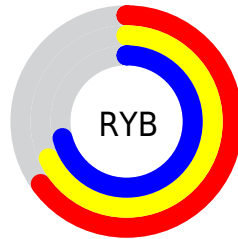
Distribution



Red (65%)

Green (69%)

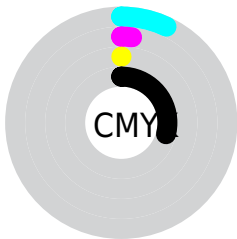
Blue (71%)



Red (65%)

Yellow (68%)

Blue (71%)

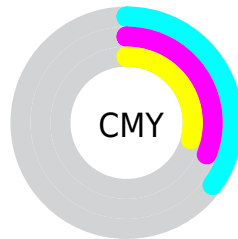


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8967, 42.9551, 49.3684 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 39.8967, 42.9551, 49.3684 by changing the saturation by 10% instead.

■ 39.8967, 42.9551,
49.3684

■ 39.8967, 42.9551,
49.3684

336.8299,
358.4271, 400.8549

■ 27.6419, 29.8499,
34.5441

■ 74.2915, 79.6431,
90.6250

■ 18.1949, 19.7247,
23.0312

■ 97.1622, 103.9947,
117.8944

■ 11.1906, 12.1951,
14.4110

124.3023,
132.8638, 150.1494

■ 6.2634, 6.8767,
8.2651

156.0770,
166.6350, 187.8083

■ 3.0481, 3.3851,
4.1748

192.8518,
205.6925, 231.2898

■ 1.1792, 1.3359,
1.7217

234.9919,

■ 0.0899, 0.1688,

250.4207, 281.0123

0.3756

282.8628,
301.2041, 337.3945

■ 0.0000, 0.0000,
0.0000

■ 39.8967, 42.9551,
49.3684

■ 39.8967, 42.9551,
49.3684

■ 35.5487, 39.5164,
48.9345

■ 44.8015, 46.7202,
49.8373

■ 31.7317, 36.3869,
48.5316

■ 50.2799, 50.8172,
50.3393

■ 28.4235, 33.5561,
48.1596

■ 56.3529, 55.2583,
50.8765

■ 25.5989, 31.0106,
47.8171

■ 63.0391, 60.0535,
51.4497

■ 23.2304, 28.7359,
47.5029

■ 69.6160, 64.8307,
52.0251

■ 21.2874, 26.7160,
47.2154

■ 70.5761, 66.7507,
52.3451

■ 19.7358, 24.9328,
46.9530

■ 71.5623, 68.7232,
52.6738

■ 18.5356, 23.3654,
46.7137

■ 72.5749, 70.7484,
53.0114

■ 17.6289, 21.9835,
46.4948

■ 73.6141, 72.8268,
53.3578

Harmonies

Analogous

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



39.5827, 42.9551, 47.6422



39.8967, 42.9551, 49.3684



40.4617, 42.9551, 50.4139

Triad

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



39.8967, 42.9551, 49.3684



42.0805, 42.9551, 47.8297



40.5259, 42.9551, 43.2605

Complementary

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



39.8967, 42.9551, 49.3684



40.1722, 41.2423, 42.4031

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.



41.1956, 42.9551, 43.3076



39.8967, 42.9551, 49.3684



42.0982, 42.9551, 45.9101

Square

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



39.8967, 42.9551, 49.3684



41.7247, 42.9551, 49.5089



41.7727, 42.9551, 44.2660



39.9433, 42.9551, 44.1355

Rectangle

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



39.8967, 42.9551, 49.3684



40.9070, 42.9551, 50.5667



41.7727, 42.9551, 44.2660



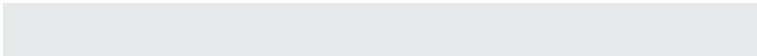
40.7482, 42.9551, 43.1698

Sweetspot

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



39.8979, 42.9569, 49.3693



76.8271, 81.3546, 89.9484



39.4966, 43.7540, 44.3036



16.6260, 17.5997, 19.4430



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.



39.8979, 42.9569, 49.3693



70.7418, 76.6388, 89.3589



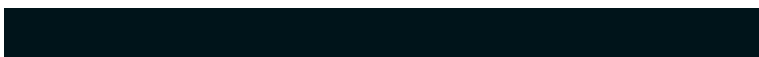
38.6784, 40.5178, 48.9628



8.5733, 9.2927, 10.8481



12.1961, 15.1927, 32.4267



0.4244, 0.5594, 1.0338

Inverse Universe

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



40.5779, 40.5158, 47.2788



72.2911, 71.1257, 84.5845



41.3856, 43.6690, 42.8075



8.7645, 8.6125, 10.2585



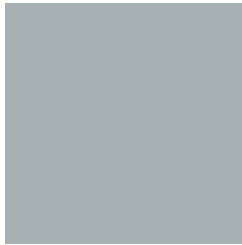
16.3907, 8.0738, 17.7493



0.5363, 0.2623, 0.6666

Previews

White Background



This preview shows how the XYZ color 39.8967, 42.9551, 49.3684 looks on a white background.

Color Contrast Check

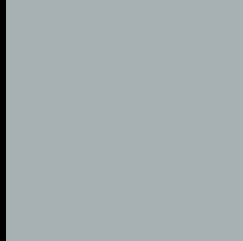
Large Text (above 18pt) WCAG AA × Fail

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 39.8967, 42.9551, 49.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

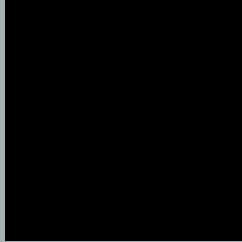
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

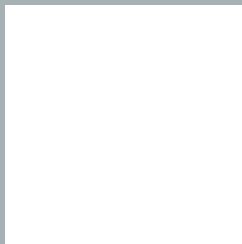
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8967, 42.9551, 49.3684

Background



This preview shows how black text looks on a background with the XYZ color 39.8967, 42.9551, 49.3684.



This preview shows how white text looks on a background with the XYZ color 39.8967, 42.9551,

49.3684.

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

39.8967, 42.9551, 49.3684

Protanopia

41.3034, 42.8336, 48.2103

Deuteranopia

43.7015, 42.9045, 49.6941



Tritanopia

41.0728, 43.1598, 54.3100

Trichromacy



Original Color

39.8967, 42.9551, 49.3684

Protanomaly

40.7002, 42.7989, 48.7637

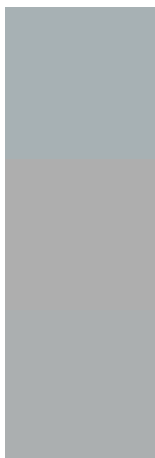
Deuteranomaly

42.3401, 43.0471, 49.7934

Tritanomaly

40.5367, 42.9207, 52.6024

Monochromacy



Original Color

39.8967, 42.9551, 49.3684

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.9610, 42.4525, 47.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8967, 42.9551, 49.3684 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, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 177, 180)  
}
```

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, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.8967, 42.9551, 49.3684 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, 177, 180) }
```


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

```
.border{ border-color:rgb(167, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8967, 42.9551, 49.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 177, 180) }
```

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

```
.background{ background-color: rgb(167,  
177, 180) }
```

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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