

Converting Colors

XYZ(38.9519, 43.4719, 57.9677)

Have a look what the booklet for
XYZ(38.9519, 43.4719, 57.9677)
contains.

XYZ(38.9519, 43.4719, 57.9677)	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(38.9519, 43.4719,
57.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	96B5C3
RGB	150, 181, 195
RGB Percent	59%, 71%, 76%
CMY	0.4118, 0.2902, 0.2353
CMYK	0.23, 0.07, 0.00, 0.24
HSL	199°, 27%, 68%
HSV	199°, 23%, 76%
XYZ	38.9519, 43.4719, 57.9677
YIQ	173.3270, -22.9700, -2.2180

Conversions

Conversions Part 2

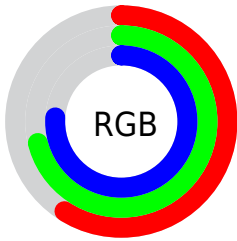
Format	Color
R _Y B	150, 168, 195
Decimal	9876931
CIE Lab	71.87, -7.37, -10.59
CIE LCh	72, 12.904, 235.144
Yxy	43.4719, 0.2775, 0.3096
Android (android.graphics.Color)	4288067011 (0xFF96B5C3)
YUV	173.3270, 10.6848, -20.4578
Hunter-Lab	65.9332, -9.9293, -5.9738

Details

The XYZ color **38.9519, 43.4719, 57.9677** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2867, 40.3553, 34.4685**, and the grayscale version is **39.8439, 41.9189, 45.6497**.

A 20% lighter version of the original color is **73.0317, 80.5758, 103.7990**, and **17.5639, 19.9581, 28.1259** is the 20% darker color. If you saturate the color by 10%, you get **34.4515, 39.3616, 57.4122**, and if you desaturate by 10%, it is **44.1058, 48.0010, 58.5710**.

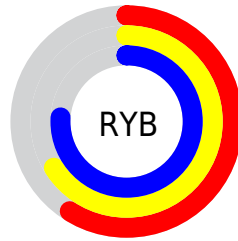
Distribution



Red (59%)

Green (71%)

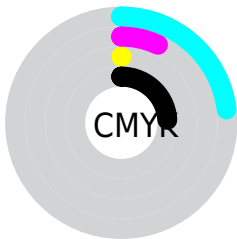
Blue (76%)



Red (59%)

Yellow (66%)

Blue (76%)

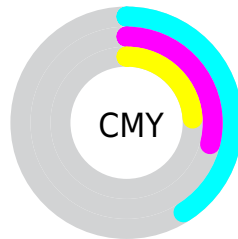


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9519, 43.4719, 57.9677 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 38.9519, 43.4719, 57.9677 by changing the saturation by 10% instead.

■ 38.9519, 43.4719,
57.9677

■ 38.9519, 43.4719,
57.9677

332.8966,
360.5489, 434.6605

■ 26.9029, 30.2556,
41.3682

■ 72.8594, 80.4225,
103.3901

■ 17.6365, 20.0326,
28.2850

■ 95.4485, 104.9255,
133.0501

■ 10.7874, 12.4188,
18.2997

122.2818,
133.9596, 167.9006

■ 5.9903, 7.0296,
10.9937

153.7244,
167.9090, 208.3602

■ 2.8798, 3.4806,
5.9485

190.1419,
207.1583, 254.8475

■ 1.0905, 1.3875,
2.7455

231.8995,

■ 0.0172, 0.2075,

252.0918, 307.7809

0.9662

279.3626,
303.0938, 367.5791

■ 0.0000, 0.0000,
0.0000

■ 38.9519, 43.4719,
57.9677

■ 38.9519, 43.4719,
57.9677

■ 34.4515, 39.3616,
57.4122

■ 44.1058, 48.0010,
58.5710

■ 30.5704, 35.6481,
56.9000

■ 49.9373, 52.9591,
59.2206

■ 27.2773, 32.3155,
56.4303

■ 56.4742, 58.3625,
59.9191

■ 24.5362, 29.3441,
56.0013

■ 63.7415, 64.2251,
60.6676

■ 22.3069, 26.7122,
55.6108

■ 71.7629, 70.5600,
61.4676

■ 20.5434, 24.3949,
55.2564

■ 76.0062, 75.0316,
62.1071

■ 19.1905, 22.3627,
54.9355

■ 77.6024, 78.2241,
62.6392

■ 18.4230, 21.0853,
54.7294

■ 79.2567, 81.5327,
63.1906

■ 80.9698, 84.9588,
63.7616

Harmonies

Analogous

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



37.6126, 43.4719, 52.6604



38.9519, 43.4719, 57.9677



40.9623, 43.4719, 60.4360

Triad

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



38.9519, 43.4719, 57.9677



45.6710, 43.4719, 48.3648



39.5503, 43.4719, 37.2076

Complementary

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



38.9519, 43.4719, 57.9677



41.2867, 40.3553, 34.4685

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.



41.6773, 43.4719, 36.2764



38.9519, 43.4719, 57.9677



45.2607, 43.4719, 42.3785

Square

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



38.9519, 43.4719, 57.9677



44.8818, 43.4719, 54.5876



43.7796, 43.4719, 38.0866



37.9494, 43.4719, 40.7524

Rectangle

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



38.9519, 43.4719, 57.9677



42.4318, 43.4719, 59.9939



43.7796, 43.4719, 38.0866



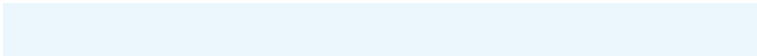
40.2253, 43.4719, 36.5927

Sweetspot

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



38.9532, 43.4737, 57.9687



85.0764, 91.1741, 105.5841



38.7495, 48.1774, 42.1435



18.4887, 19.8455, 23.1061



0.0000, 0.0000, 0.0000



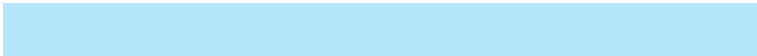
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9532, 43.4737, 57.9687



65.3034, 73.8243, 103.2775



34.8271, 35.2215, 56.5933



10.0957, 10.8827, 12.8533



12.0515, 13.8594, 35.5966



0.5798, 0.7170, 1.5577

Inverse Universe

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



41.7536, 36.7521, 48.6112



71.3356, 59.8780, 83.0013



45.5704, 48.9228, 35.8964



10.3596, 10.1924, 11.9841



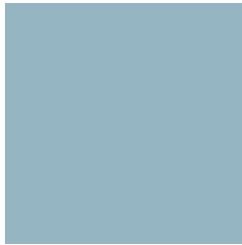
17.4790, 8.6814, 15.7003



0.7850, 0.3870, 0.8355

Previews

White Background



This preview shows how the XYZ color 38.9519, 43.4719, 57.9677 looks on a white background.

Color Contrast Check

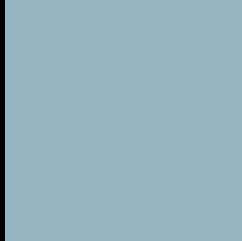
Large Text (above 18pt) WCAG AA × Fail

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 38.9519, 43.4719, 57.9677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

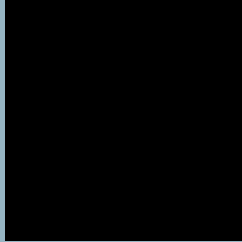
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

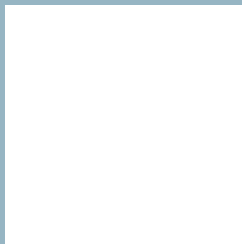
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9519, 43.4719, 57.9677

Background



This preview shows how black text looks on a background with the XYZ color 38.9519, 43.4719, 57.9677.



This preview shows how white text looks on a background with the XYZ color 38.9519, 43.4719,

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

38.9519, 43.4719, 57.9677

Protanopia

42.1895, 43.4202, 55.4475

Deuteranopia

44.1694, 43.2243, 58.8385



Tritanopia

38.9519, 43.4719, 57.9677

Trichromacy



Original Color

38.9519, 43.4719, 57.9677

Protanomaly

40.7536, 43.2494, 56.0692

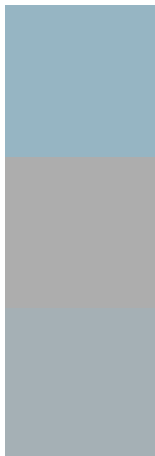
Deuteranomaly

42.0884, 43.3034, 58.3646

Tritanomaly

38.9519, 43.4719, 57.9677

Monochromacy



Original Color

38.9519, 43.4719, 57.9677

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3829, 42.3862, 49.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9519, 43.4719, 57.9677 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(150, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 195)  
}
```

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(150, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 38.9519, 43.4719, 57.9677 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(150, 181, 195) }
```


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

```
.border{ border-color:rgb(150, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9519, 43.4719, 57.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 195) }
```

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

```
.background{ background-color: rgb(150,  
181, 195) }
```

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