

Converting Colors

XYZ(38.8896, 43.3774, 59.6290)

Have a look what the booklet for
XYZ(38.8896, 43.3774, 59.6290)
contains.

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Color

**XYZ(38.9297, 43.4209,
59.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	94B5C6
RGB	148, 181, 198
RGB Percent	58%, 71%, 78%
CMY	0.4196, 0.2902, 0.2235
CMYK	0.25, 0.09, 0.00, 0.22
HSL	200°, 30%, 68%
HSV	200°, 25%, 78%
XYZ	38.9297, 43.4209, 59.7553
YIQ	173.0710, -25.1250, -1.7090

Conversions

Conversions Part 2

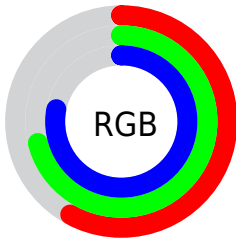
Format	Color
R_{YB}	148, 168, 198
Decimal	9745862
CIE Lab	71.84, -7.30, -12.30
CIE LCh	72, 14.300, 239.315
Yxy	43.4209, 0.2739, 0.3056
Android (android.graphics.Color)	4287935942 (0xFF94B5C6)
YUV	173.0710, 12.2900, -21.9873
Hunter-Lab	65.8945, -9.8598, -7.6399

Details

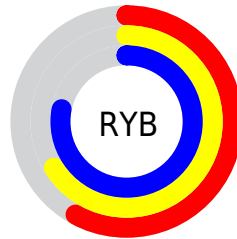
The XYZ color **38.9297, 43.4209, 59.7553** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0897, 41.0544, 33.7240**, and the grayscale version is **39.7063, 41.7741, 45.4920**.

A 20% lighter version of the original color is **72.9628, 80.4849, 106.2973**, and **17.5771, 19.9388, 29.3077** is the 20% darker color. If you saturate the color by 10%, you get **34.3145, 39.0597, 59.1575**, and if you desaturate by 10%, it is **44.2263, 48.2337, 60.4058**.

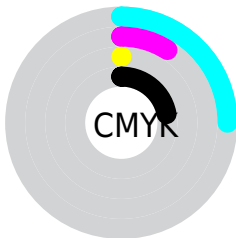
Distribution



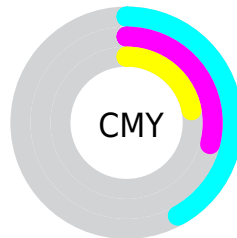
- Red (58%)
- Green (71%)
- Blue (78%)



- Red (58%)
- Yellow (66%)
- Blue (78%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9297, 43.4209, 59.7553 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 38.9297, 43.4209, 59.7553 by changing the saturation by 10% instead.

■ 38.9297, 43.4209,
59.7553

■ 38.9297, 43.4209,
59.7553

332.8038,
360.3399, 441.4748

■ 26.8855, 30.2155,
42.7974

■ 72.8257, 80.3456,
106.0145

■ 17.6234, 20.0022,
29.3960

■ 95.4082, 104.8337,
136.1529

■ 10.7780, 12.3967,
19.1324

122.2342,
133.8516, 171.5219

■ 5.9839, 7.0144,
11.5882

153.6690,
167.7835, 212.5401

■ 2.8759, 3.4711,
6.3448

190.0780,
207.0139, 259.6259

■ 1.0885, 1.3824,
2.9837

231.8266,

■ 0.0154, 0.2037,

251.9271, 313.1979

1.0863

279.2801,
302.9077, 373.6747

■ 0.0000, 0.0000,
0.0000

■ 38.9297, 43.4209,
59.7553

■ 38.9297, 43.4209,
59.7553

■ 34.3145, 39.0597,
59.1575

■ 44.2263, 48.2337,
60.4058

■ 30.3446, 35.1269,
58.6076

■ 50.2302, 53.5097,
61.1077

■ 26.9866, 31.6049,
58.1048

■ 56.9707, 59.2662,
61.8636

■ 24.2020, 28.4724,
57.6469

■ 64.4743, 65.5182,
62.6749

■ 21.9477, 25.7060,
57.2317

■ 72.7660, 72.2798,
63.5430

■ 20.1740, 23.2782,
56.8566

■ 77.3930, 77.2569,
64.2598

■ 18.8201, 21.1564,
56.5184

■ 79.2102, 80.8914,
64.8655

■ 18.2677, 20.2264,
56.3680

■ 81.0996, 84.6701,
65.4953

■ 83.0619, 88.5947,
66.1494

Harmonies

Analogous

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



37.3258, 43.4209, 54.1426



38.9297, 43.4209, 59.7553



41.2144, 43.4209, 61.9730

Triad

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



38.9297, 43.4209, 59.7553



46.1248, 43.4209, 47.4382



39.0229, 43.4209, 36.5360

Complementary

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



38.9297, 43.4209, 59.7553



42.0897, 41.0544, 33.7240

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.



41.3262, 43.4209, 35.1115



38.9297, 43.4209, 59.7553



45.4832, 43.4209, 41.0196

Square

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



38.9297, 43.4209, 59.7553



45.4236, 43.4209, 54.4466



43.7028, 43.4209, 36.6710



37.3781, 43.4209, 40.7679

Rectangle

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



38.9297, 43.4209, 59.7553



42.8363, 43.4209, 61.0756



43.7028, 43.4209, 36.6710



39.7428, 43.4209, 35.7326

Sweetspot

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



38.9310, 43.4227, 59.7563



85.7664, 91.9888, 107.8430



39.1690, 49.3894, 42.9081



18.0043, 19.3803, 23.0418



0.0000, 0.0000, 0.0000



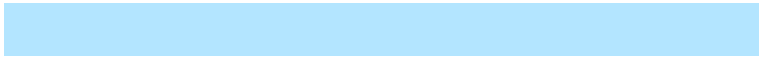
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9310, 43.4227, 59.7563



64.5424, 72.7790, 105.2538



34.3513, 34.2632, 58.2297



10.6313, 11.4368, 13.5647



11.9617, 13.3174, 36.6844



0.6316, 0.7610, 1.7587

Inverse Universe

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



42.2202, 36.5229, 48.5424



71.4020, 58.9569, 81.7402



46.9761, 50.8274, 35.3528



10.9239, 10.7530, 12.5828



17.8371, 8.8844, 14.8837



0.8775, 0.4338, 0.8780

Previews

White Background



This preview shows how the XYZ color 38.9297, 43.4209, 59.7553 looks on a white background.

Color Contrast Check

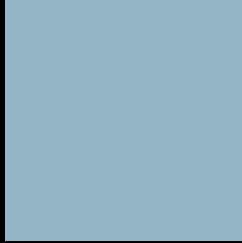
Large Text (above 18pt) WCAG AA × Fail

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 38.9297, 43.4209, 59.7553 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

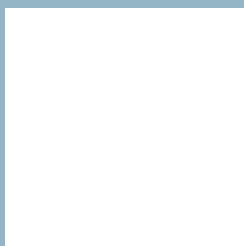
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9297, 43.4209, 59.7553

Background



This preview shows how black text looks on a background with the XYZ color 38.9297, 43.4209, 59.7553.



This preview shows how white text looks on a background with the XYZ color 38.9297, 43.4209,

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

38.9297, 43.4209, 59.7553

Protanopia

42.1072, 43.0514, 57.1294

Deuteranopia

44.0443, 43.1197, 60.6451



Tritanopia

38.7004, 43.3292, 58.5482

Trichromacy



Original Color

38.9297, 43.4209, 59.7553

Protanomaly

40.8823, 43.2769, 57.8283

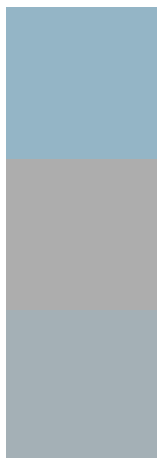
Deuteranomaly

42.0010, 43.2185, 60.1611

Tritanomaly

38.8147, 43.3749, 59.1498

Monochromacy



Original Color

38.9297, 43.4209, 59.7553

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2787, 42.3206, 50.3544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9297, 43.4209, 59.7553 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(148, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 198)  
}
```

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(148, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 198) }
```

Border

The CSS property to change the border of an element to XYZ 38.9297, 43.4209, 59.7553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

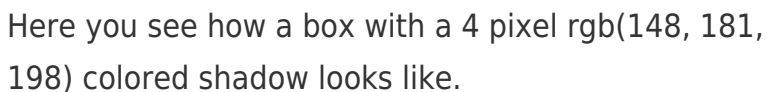
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 181, 198) }
```


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

```
.border{ border-color:rgb(148, 181, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 198);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9297, 43.4209, 59.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 198) }
```

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

```
.background{ background-color: rgb(148,  
181, 198) }
```

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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