

Converting Colors

XYZ(39.3777, 43.9758, 60.0059)

Have a look what the booklet for
XYZ(39.3777, 43.9758, 60.0059)
contains.

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Color

**XYZ(39.3154, 43.9227,
59.8319)**

Conversions

Conversions Part 1

Format	Color
Hex	95B6C6
RGB	149, 182, 198
RGB Percent	58%, 71%, 78%
CMY	0.4157, 0.2863, 0.2235
CMYK	0.25, 0.08, 0.00, 0.22
HSL	200°, 30%, 68%
HSV	200°, 25%, 78%
XYZ	39.3154, 43.9227, 59.8319
YIQ	173.9570, -24.8040, -2.0200

Conversions

Conversions Part 2

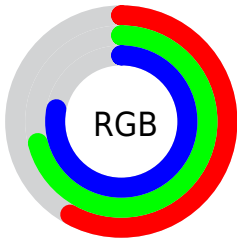
Format	Color
R_{YB}	149, 169, 198
Decimal	9811654
CIE _{Lab}	72.18, -7.53, -11.79
CIE _{LCh}	72, 13.985, 237.433
Yxy	43.9227, 0.2748, 0.3070
Android (android.graphics.Color)	4288001734 (0xFF95B6C6)
YUV	173.9570, 11.8532, -21.8873
Hunter-Lab	66.2742, -10.0895, -7.1347

Details

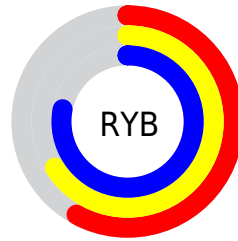
The XYZ color **39.3154, 43.9227, 59.8319** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1691, 41.0861, 34.1425**, and the grayscale version is **40.1613, 42.2528, 46.0133**.

A 20% lighter version of the original color is **73.5264, 81.2064, 106.4069**, and **17.8141, 20.2555, 29.3564** is the 20% darker color. If you saturate the color by 10%, you get **34.7123, 39.6305, 59.2468**, and if you desaturate by 10%, it is **44.5964, 48.6573, 60.4682**.

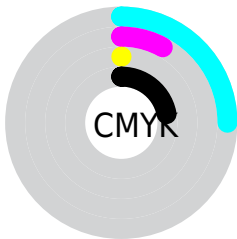
Distribution



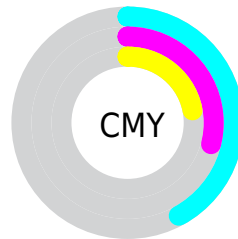
- Red (58%)
- Green (71%)
- Blue (78%)



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



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3154, 43.9227, 59.8319 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 39.3154, 43.9227, 59.8319 by changing the saturation by 10% instead.

■ 39.3154, 43.9227,
59.8319

■ 39.3154, 43.9227,
59.8319

334.4137,
362.3927, 441.7653

■ 27.1870, 30.6097,
42.8587

■ 73.4109, 81.1014,
106.1268

■ 17.8510, 20.3019,
29.4437

■ 96.1087, 105.7360,
136.2856

■ 10.9421, 12.6147,
19.1683

123.0603,
134.9132, 171.6766

■ 6.0949, 7.1637,
11.6139

154.6312,
169.0174, 212.7185

■ 2.9441, 3.5647,
6.3620

191.1866,
208.4331, 259.8298

■ 1.1243, 1.4332,
2.9941

233.0919,

■ 0.0453, 0.2410,

253.5446, 313.4290

1.0916

280.7125,
304.7364, 373.9347

■ 0.0000, 0.0000,
0.0000

■ 39.3154, 43.9227,
59.8319

■ 39.3154, 43.9227,
59.8319

■ 34.7123, 39.6305,
59.2468

■ 44.5964, 48.6573,
60.4682

■ 30.7513, 35.7578,
58.7080

■ 50.5810, 53.8454,
61.1541

■ 27.3991, 32.2873,
58.2148

■ 57.2983, 59.5043,
61.8924

■ 24.6177, 29.1979,
57.7651

■ 64.7746, 65.6487,
62.6843

■ 22.3642, 26.4666,
57.3567

■ 73.0347, 72.2926,
63.5314

■ 20.5896, 24.0665,
56.9870

■ 77.2344, 76.9396,
64.2070

■ 19.2339, 21.9655,
56.6529

■ 78.9721, 80.4150,
64.7862

■ 18.6296, 20.9502,
56.4887

■ 80.7762, 84.0232,
65.3876

■ 82.6474, 87.7657,
66.0113

Harmonies

Analogous

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



37.7892, 43.9227, 54.1663



39.3154, 43.9227, 59.8319



41.5412, 43.9227, 62.2580

Triad

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



39.3154, 43.9227, 59.8319



46.5223, 43.9227, 48.4178



39.6598, 43.9227, 37.0407

Complementary

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



39.3154, 43.9227, 59.8319



42.1691, 41.0861, 34.1425

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.



41.9539, 43.9227, 35.8140



39.3154, 43.9227, 59.8319



45.9724, 43.9227, 41.9978

Square

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



39.3154, 43.9227, 59.8319



45.7527, 43.9227, 55.2862



44.2773, 43.9227, 37.5414



37.9826, 43.9227, 41.0660

Rectangle

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



39.3154, 43.9227, 59.8319



43.1431, 43.9227, 61.5537



44.2773, 43.9227, 37.5414



40.3817, 43.9227, 36.3053

Sweetspot

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



39.3167, 43.9245, 59.8329



86.9541, 93.1082, 107.9965



39.3370, 49.4776, 42.8448



18.4689, 19.8060, 23.0995



0.0000, 0.0000, 0.0000



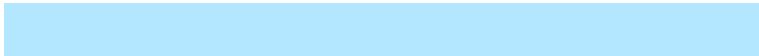
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3167, 43.9245, 59.8329



64.8285, 73.3511, 105.3491



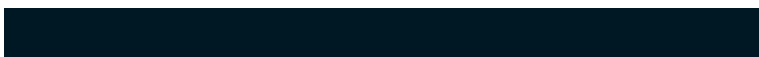
34.8124, 34.9157, 58.3314



10.6436, 11.4613, 13.5688



12.1958, 13.7856, 36.7625



0.6414, 0.7807, 1.7620

Inverse Universe

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



42.4807, 36.8791, 49.1374



71.5463, 59.0146, 82.5005



46.9155, 50.5789, 35.7247



10.9301, 10.7554, 12.6153



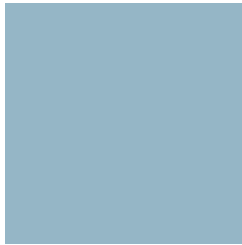
17.9552, 8.9317, 15.5060



0.8825, 0.4358, 0.9042

Previews

White Background



This preview shows how the XYZ color 39.3154, 43.9227, 59.8319 looks on a white background.

Color Contrast Check

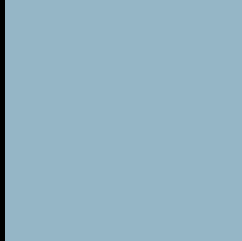
Large Text (above 18pt) WCAG AA × Fail

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 39.3154, 43.9227, 59.8319 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

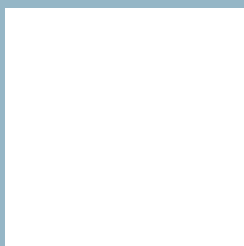
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3154, 43.9227, 59.8319

Background



This preview shows how black text looks on a background with the XYZ color 39.3154, 43.9227, 59.8319.



This preview shows how white text looks on a background with the XYZ color 39.3154, 43.9227,

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

39.3154, 43.9227, 59.8319

Protanopia

42.7468, 43.6689, 57.2149

Deuteranopia

44.7063, 43.7425, 60.7304



Tritanopia

39.2004, 43.8767, 59.2263

Trichromacy



Original Color

39.3154, 43.9227, 59.8319

Protanomaly

41.4966, 43.8879, 57.9139

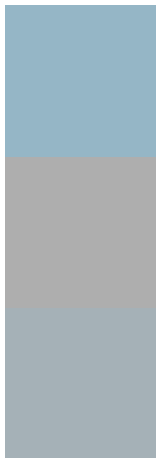
Deuteranomaly

42.6287, 43.8321, 60.2465

Tritanomaly

39.2004, 43.8767, 59.2263

Monochromacy



Original Color

39.3154, 43.9227, 59.8319

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.7864, 42.8625, 50.9761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3154, 43.9227, 59.8319 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(149, 182, 198)` looks like.

```
.text, #text, p{  
    color:rgb(149, 182, 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(149, 182, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 182, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.3154, 43.9227, 59.8319 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(149, 182, 198) }
```


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

```
.border{ border-color:rgb(149, 182, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 182, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 182, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 182, 198);  
box-shadow:4px 4px 4px 4px rgb(149, 182,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3154, 43.9227, 59.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 182, 198) }
```

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

```
.background{ background-color: rgb(149,  
182, 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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