

Converting Colors

XYZ(39.0167, 43.6613, 58.2982)

Have a look what the booklet for
XYZ(39.0167, 43.6613, 58.2982)
contains.

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Color

**XYZ(39.0862, 43.8310,
58.6247)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 95B6C4 |
| RGB | 149, 182, 196 |
| RGB Percent | 58%, 71%, 77% |
| CMY | 0.4157, 0.2863, 0.2314 |
| CMYK | 0.24, 0.07, 0.00, 0.23 |
| HSL | 198°, 28%, 68% |
| HSV | 198°, 24%, 77% |
| XYZ | 39.0862, 43.8310, 58.6247 |
| YIQ | 173.7290, -24.1620, -2.6420 |

Conversions

Conversions Part 2

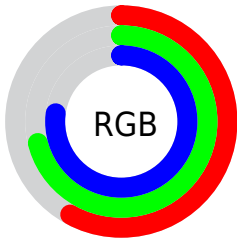
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 149, 168, 196 |
| Decimal | 9811652 |
| CIE Lab | 72.12, -7.99, -10.78 |
| CIE LCh | 72, 13.420, 233.467 |
| Yxy | 43.8310, 0.2761, 0.3097 |
| Android (android.graphics.Color) | 4288001732 (0xFF95B6C4) |
| YUV | 173.7290, 10.9796, -21.6873 |
| Hunter-Lab | 66.2050, -10.4756, -6.1580 |

Details

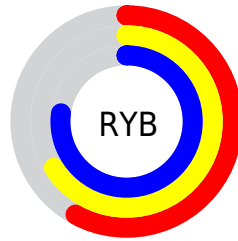
The XYZ color **39.0862, 43.8310, 58.6247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2874, 40.1003, 33.9988**, and the grayscale version is **40.0485, 42.1342, 45.8841**.

A 20% lighter version of the original color is **73.2060, 81.0783, 104.7198**, and **17.6625, 20.1949, 28.5583** is the 20% darker color. If you saturate the color by 10%, you get **34.6364, 39.8002, 58.0819**, and if you desaturate by 10%, it is **44.1903, 48.2753, 59.2142**.

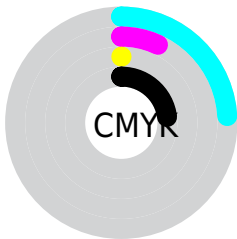
Distribution



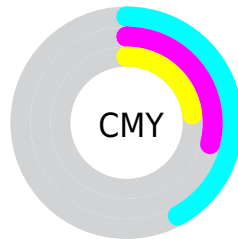
- Red (58%)
- Green (71%)
- Blue (77%)



- Red (58%)
- Yellow (66%)
- Blue (77%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0862, 43.8310, 58.6247 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 39.0862, 43.8310, 58.6247 by changing the saturation by 10% instead.

■ 39.0862, 43.8310,
58.6247

■ 39.0862, 43.8310,
58.6247

333.4577,
362.0182, 437.1728

■ 27.0078, 30.5377,
41.8931

■ 73.0632, 80.9634,
104.3558

■ 17.7157, 20.2471,
28.6926

■ 95.6926, 105.5712,
134.1923

■ 10.8445, 12.5748,
18.6048

122.5696,
134.7193, 169.2341

■ 6.0289, 7.1364,
11.2112

154.0597,
168.7922, 209.8999

■ 2.9035, 3.5475,
6.0931

190.5282,
208.1741, 256.6081

■ 1.1029, 1.4238,
2.8321

232.3404,

■ 0.0276, 0.2342,

253.2494, 309.7773

1.0095

279.8618,
304.4027, 369.8260

■ 0.0000, 0.0000,
0.0000

■ 39.0862, 43.8310,
58.6247

■ 39.0862, 43.8310,
58.6247

■ 34.6364, 39.8002,
58.0819

■ 44.1903, 48.2753,
59.2142

■ 30.8062, 36.1608,
57.5813

■ 49.9733, 53.1433,
59.8491

■ 27.5636, 32.8965,
57.1222

■ 56.4633, 58.4516,
60.5316

■ 24.8721, 29.9876,
56.7025

■ 63.6857, 64.2140,
61.2632

■ 22.6905, 27.4119,
56.3204

■ 71.6645, 70.4437,
62.0451

■ 20.9717, 25.1441,
55.9732

■ 76.0241, 74.8859,
62.6728

■ 19.6586, 23.1539,
55.6583

■ 77.5558, 77.9492,
63.1833

■ 18.9990, 22.0556,
55.4811

■ 79.1412, 81.1201,
63.7118

■ 80.7809, 84.3995,
64.2584

Harmonies

Analogous

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



37.7392, 43.8310, 52.9399



39.0862, 43.8310, 58.6247



41.1596, 43.8310, 61.4242

Triad

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



39.0862, 43.8310, 58.6247



46.2031, 43.8310, 49.1780



39.9262, 43.8310, 37.0382

Complementary

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



39.0862, 43.8310, 58.6247



41.2874, 40.1003, 33.9988

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.



42.1645, 43.8310, 36.2302



39.0862, 43.8310, 58.6247



45.8434, 43.8310, 42.8634

Square

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



39.0862, 43.8310, 58.6247



45.3100, 43.8310, 55.6559



44.3445, 43.8310, 38.2668



38.2116, 43.8310, 40.5849

Rectangle

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



39.0862, 43.8310, 58.6247



42.6969, 43.8310, 61.1104



44.3445, 43.8310, 38.2668



40.6401, 43.8310, 36.4517

Sweetspot

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



39.0875, 43.8328, 58.6257



87.1126, 93.4252, 108.0493



38.6850, 48.4902, 41.6518



18.5056, 19.8795, 23.1117



0.0000, 0.0000, 0.0000



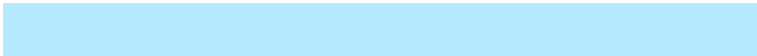
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0875, 43.8328, 58.6257



66.2498, 75.3139, 105.6530



34.7889, 35.2355, 57.1928



10.1071, 10.9055, 12.8571



12.2855, 14.3275, 35.6746



0.5885, 0.7345, 1.5606

Inverse Universe

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



41.9570, 36.6091, 49.1129



72.4786, 60.2099, 84.8742



45.7109, 48.9471, 35.4733



10.3653, 10.1947, 12.0145



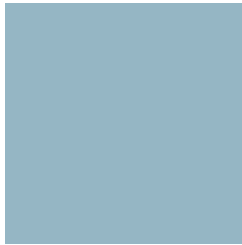
17.5971, 8.7286, 16.3223



0.7895, 0.3888, 0.8587

Previews

White Background



This preview shows how the XYZ color 39.0862, 43.8310, 58.6247 looks on a white background.

Color Contrast Check

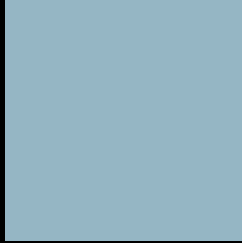
Large Text (above 18pt) WCAG AA × Fail

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 39.0862, 43.8310, 58.6247 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 39.0862, 43.8310, 58.6247

Background



This preview shows how black text looks on a background with the XYZ color 39.0862, 43.8310, 58.6247.



This preview shows how white text looks on a background with the XYZ color 39.0862, 43.8310,

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

39.0862, 43.8310, 58.6247

Protanopia

42.5236, 43.5797, 56.0397

Deuteranopia

44.4740, 43.6495, 59.5073



Tritanopia

39.0862, 43.8310, 58.6247

Trichromacy



Original Color

39.0862, 43.8310, 58.6247

Protanomaly

41.2719, 43.7980, 56.7307

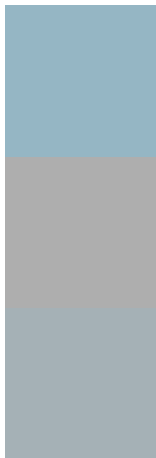
Deuteranomaly

42.3980, 43.7398, 59.0313

Tritanomaly

39.0862, 43.8310, 58.6247

Monochromacy



Original Color

39.0862, 43.8310, 58.6247

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.6827, 42.8210, 50.4297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0862, 43.8310, 58.6247 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, 196) looks like.

```
.text, #text, p{  
    color:rgb(149, 182, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 182, 196) }
```

Border

The CSS property to change the border of an element to XYZ 39.0862, 43.8310, 58.6247 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, 196) }
```


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

```
.border{ border-color:rgb(149, 182, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(149, 182,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0862, 43.8310, 58.6247 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, 196) }
```

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

```
.background{ background-color: rgb(149,  
182, 196) }
```

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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