

Converting Colors

XYZ(38.2302, 38.9793, 59.2296)

Have a look what the booklet for
XYZ(38.2302, 38.9793, 59.2296)
contains.

XYZ(38.3098, 39.0856, 58.9512)	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(38.3098, 39.0856,
58.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA7C6
RGB	159, 167, 198
RGB Percent	62%, 65%, 78%
CMY	0.3765, 0.3451, 0.2235
CMYK	0.20, 0.16, 0.00, 0.22
HSL	228°, 25%, 70%
HSV	228°, 20%, 78%
XYZ	38.3098, 39.0856, 58.9512
YIQ	168.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

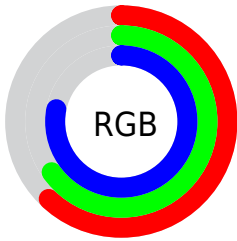
Format	Color
RYB	159, 166, 198
Decimal	10463174
CIELab	68.81, 3.77, -16.78
CIElCh	69, 17.195, 282.653
Yxy	39.0856, 0.2810, 0.2867
Android (android.graphics.Color)	4288653254 (0xFF9FA7C6)
YUV	168.1420, 14.7200, -8.0175
Hunter-Lab	62.5185, -0.0269, -12.1440

Details

The XYZ color **38.3098, 39.0856, 58.9512** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.9604, 51.3357, 40.1827**, and the grayscale version is **37.2253, 39.1639, 42.6495**.

A 20% lighter version of the original color is **71.9028, 73.7587, 105.0549**, and **17.2282, 17.4009, 28.8362** is the 20% darker color. If you saturate the color by 10%, you get **31.9839, 31.8026, 57.8795**, and if you desaturate by 10%, it is **45.6180, 47.3977, 60.1711**.

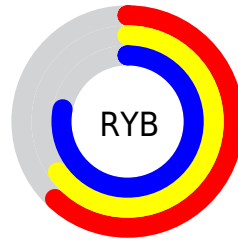
Distribution



Red (62%)

Green (65%)

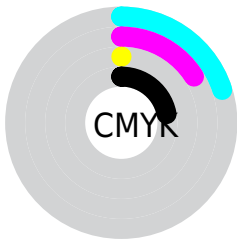
Blue (78%)



Red (62%)

Yellow (65%)

Blue (78%)

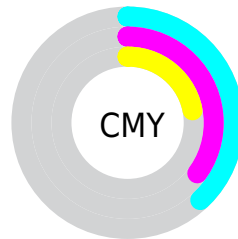


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3098, 39.0856, 58.9512 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 38.3098, 39.0856, 58.9512 by changing the saturation by 10% instead.

■ 38.3098, 39.0856,
58.9512

■ 38.3098, 39.0856,
58.9512

330.2050,
342.2543, 438.4179

■ 26.4015, 26.8263,
42.1541

■ 71.8836, 73.7691,
104.8352

■ 17.2585, 17.4428,
28.8955

■ 94.2798, 96.9621,
134.7591

■ 10.5154, 10.5507,
18.7569

120.9027,
124.5684, 169.8957

■ 5.8069, 5.7656,
11.3197

152.1176,
156.9725, 210.6635

■ 2.7676, 2.7031,
6.1654

188.2900,
194.5587, 257.4811

■ 1.0321, 0.9788,
2.8755

229.7851,

■ 0.0000, 0.0000,

237.7115, 310.7670

1.0314

276.9683,
286.8152, 370.9398

■ 0.0000, 0.0000,
0.0000

■ 38.3098, 39.0856,
58.9512

■ 38.3098, 39.0856,
58.9512

■ 31.9839, 31.8026,
57.8795

■ 45.6180, 47.3977,
60.1711

■ 26.5941, 25.5036,
56.9477

■ 53.9446, 56.7724,
61.5417

■ 22.0961, 20.1467,
56.1508

■ 63.3283, 67.2474,
63.0690

■ 18.4404, 15.6856,
55.4824

■ 73.8049, 78.8573,
64.7577

■ 15.5725, 12.0695,
54.9356

■ 84.2951, 91.0611,
66.5604

■ 13.4310, 9.2424,
54.5028

■ 87.1932, 96.8573,
67.5265

■ 11.9452, 7.1408,
54.1754

■ 10.9972, 5.6742,
53.9423

■ 10.9732, 5.6374,
53.9365

Harmonies

Analogous

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



35.6085, 39.0856, 58.5565



38.3098, 39.0856, 58.9512



40.8159, 39.0856, 54.5819

Triad

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



38.3098, 39.0856, 58.9512



41.1401, 39.0856, 33.1743



32.3672, 39.0856, 38.2363

Complementary

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



38.3098, 39.0856, 58.9512



47.9604, 51.3357, 40.1827

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.



33.7098, 39.0856, 32.4432



38.3098, 39.0856, 58.9512



38.7347, 39.0856, 29.7755

Square

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



38.3098, 39.0856, 58.9512



42.5029, 39.0856, 39.3531



36.0132, 39.0856, 29.5254



32.2660, 39.0856, 45.9315

Rectangle

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



38.3098, 39.0856, 58.9512



42.0032, 39.0856, 49.8337



36.0132, 39.0856, 29.5254



32.6852, 39.0856, 36.0266

Sweetspot

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



38.3110, 39.0872, 58.9521



85.8859, 89.6978, 107.3945



43.7380, 51.4579, 56.0855



18.1784, 18.9682, 22.9531



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.



38.3110, 39.0872, 58.9521



62.4042, 62.9777, 103.4746



39.1803, 37.4260, 58.5856



10.2301, 10.6342, 13.4309



7.1862, 3.7664, 35.0926



0.3934, 0.2846, 1.6793

Inverse Universe

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



42.6628, 39.5930, 41.9547



71.6713, 64.2282, 67.2401



46.9341, 53.4506, 40.6450



10.7214, 10.6719, 11.5162



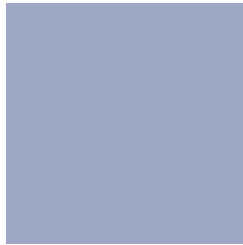
15.4266, 7.9202, 2.1905



0.7573, 0.3857, 0.2449

Previews

White Background



This preview shows how the XYZ color 38.3098, 39.0856, 58.9512 looks on a white background.

Color Contrast Check

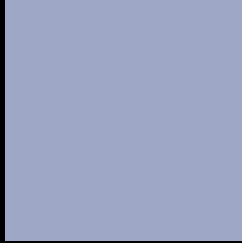
Large Text (above 18pt) WCAG AA × Fail

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 38.3098, 39.0856, 58.9512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

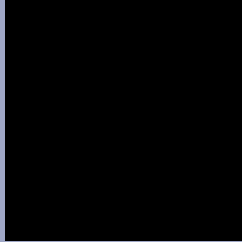
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3098, 39.0856, 58.9512

Background



This preview shows how black text looks on a background with the XYZ color 38.3098, 39.0856, 58.9512.



This preview shows how white text looks on a background with the XYZ color 38.3098, 39.0856,

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

38.3098, 39.0856, 58.9512

Protanopia

38.7296, 39.0310, 58.9186

Deuteranopia

39.9464, 39.1095, 59.4763



Tritanopia

36.6323, 39.2363, 50.4424

Trichromacy



Original Color

38.3098, 39.0856, 58.9512

Protanomaly

38.5272, 38.9267, 58.9091

Deuteranomaly

39.2810, 39.0331, 59.4966

Tritanomaly

37.1697, 39.1749, 53.1794

Monochromacy



Original Color

38.3098, 39.0856, 58.9512

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6564, 39.2593, 48.2409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3098, 39.0856, 58.9512 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(159, 167, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 167, 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(159, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 167, 198) }
```

Border

The CSS property to change the border of an element to XYZ 38.3098, 39.0856, 58.9512 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(159, 167, 198) }
```


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

```
.border{ border-color:rgb(159, 167, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 167, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 167, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 167,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3098, 39.0856, 58.9512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 167, 198) }
```

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

```
.background{ background-color: rgb(159,  
167, 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](#).

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