

Converting Colors

XYZ(39.0278, 39.4423, 59.5890)

Have a look what the booklet for
XYZ(39.0278, 39.4423, 59.5890)
contains.

XYZ(39.0278, 39.4423, 59.5890)	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(39.0278, 39.4423,
59.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A7C7
RGB	162, 167, 199
RGB Percent	64%, 65%, 78%
CMY	0.3647, 0.3451, 0.2196
CMYK	0.19, 0.16, 0.00, 0.22
HSL	232°, 25%, 71%
HSV	232°, 19%, 78%
XYZ	39.0278, 39.4423, 59.5890
YIQ	169.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

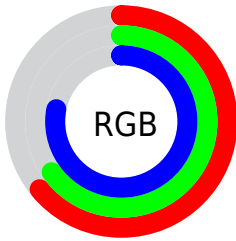
Format	Color
R_{YB}	162, 166, 199
Decimal	10659783
CIE Lab	69.07, 4.95, -16.92
CIE LCh	69, 17.629, 286.310
Yxy	39.4423, 0.2827, 0.2857
Android (android.graphics.Color)	4288849863 (0xFFA2A7C7)
YUV	169.1530, 14.7146, -6.2732
Hunter-Lab	62.8031, 1.0200, -12.2935

Details

The XYZ color **39.0278, 39.4423, 59.5890** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.3670, 53.3344, 41.8760**, and the grayscale version is **37.7229, 39.6874, 43.2196**.

A 20% lighter version of the original color is **72.7865, 74.2143, 105.0963**, and **17.6720, 17.6208, 29.2578** is the 20% darker color. If you saturate the color by 10%, you get **32.3552, 31.6302, 58.4334**, and if you desaturate by 10%, it is **46.7621, 48.4265, 60.9161**.

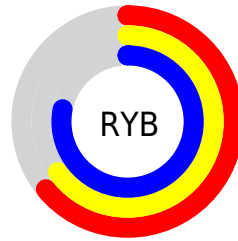
Distribution



Red (64%)

Green (65%)

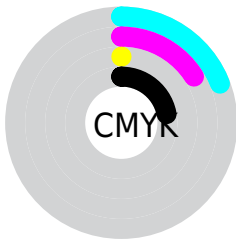
Blue (78%)



Red (64%)

Yellow (65%)

Blue (78%)

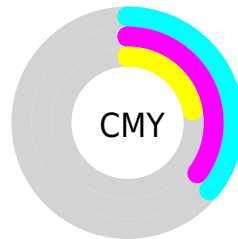


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0278, 39.4423, 59.5890 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 39.0278, 39.4423, 59.5890 by changing the saturation by 10% instead.

■ 39.0278, 39.4423,
59.5890

■ 39.0278, 39.4423,
59.5890

333.2138,
343.7673, 440.8437

■ 26.9622, 27.1040,
42.6643

■ 72.9746, 74.3135,
105.7708

■ 17.6813, 17.6513,
29.2924

■ 95.5865, 97.6152,
135.8649

■ 10.8197, 10.7000,
19.0546

122.4445,
125.3401, 171.1860

■ 6.0121, 5.8655,
11.5325

153.9139,
157.8727, 212.1525

■ 2.8932, 2.7634,
6.3076

190.3603,
195.5973, 259.1829

■ 1.0975, 1.0095,
2.9612

232.1488,

■ 0.0230, 0.0000,

238.8984, 312.6959

1.0749

279.6448,
288.1602, 373.1100

■ 0.0000, 0.0000,
0.0000

■ 39.0278, 39.4423,
59.5890

■ 39.0278, 39.4423,
59.5890

■ 32.3552, 31.6302,
58.4334

■ 46.7621, 48.4265,
60.9161

■ 26.6942, 24.9371,
57.4399

■ 55.5981, 58.6237,
62.4187

■ 21.9961, 19.3128,
56.6019

■ 65.5781, 70.0783,
64.1036

■ 18.2066, 14.7015,
55.9116

■ 76.7411, 82.8315,
65.9769

■ 15.2661, 11.0419,
55.3602

■ 86.6912, 95.6681,
67.9302

■ 13.1075, 8.2665,
54.9383

■ 87.3089, 96.9036,
68.1361

■ 11.6534, 6.2981,
54.6350

■ 10.7913, 5.0363,
54.4368

■ 10.6986, 4.9029,
54.4160

Harmonies

Analogous

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



36.2235, 39.4423, 59.8172



39.0278, 39.4423, 59.5890



41.5361, 39.4423, 54.5556

Triad

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



39.0278, 39.4423, 59.5890



41.3492, 39.4423, 32.6935



32.4768, 39.4423, 39.3841

Complementary

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



39.0278, 39.4423, 59.5890



49.3670, 53.3344, 41.8760

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.



33.7132, 39.4423, 33.1125



39.0278, 39.4423, 59.5890



38.7831, 39.4423, 29.5888

Square

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



39.0278, 39.4423, 59.5890



42.9215, 39.4423, 38.7423



35.9906, 39.4423, 29.7320



32.5349, 39.4423, 47.4432

Rectangle

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



39.0278, 39.4423, 59.5890



42.6614, 39.4423, 49.4734



35.9906, 39.4423, 29.7320



32.7520, 39.4423, 37.0195

Sweetspot

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



39.0290, 39.4439, 59.5899



85.5666, 89.0592, 107.2880



45.0005, 52.3994, 58.4587



18.1032, 18.8177, 22.9280



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.



39.0290, 39.4439, 59.5899



63.7646, 63.7242, 103.5470



40.8980, 39.0733, 59.4199



10.1704, 10.5148, 13.4110



6.9169, 3.2277, 35.0028



0.3663, 0.2303, 1.6703

Inverse Universe

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



43.4496, 40.7738, 42.1410



72.8398, 66.5406, 67.7055



47.2077, 53.9016, 42.0993



10.6913, 10.6599, 11.3576



15.2907, 7.8658, 1.4745



0.7436, 0.3803, 0.1728

Previews

White Background



This preview shows how the XYZ color 39.0278, 39.4423, 59.5890 looks on a white background.

Color Contrast Check

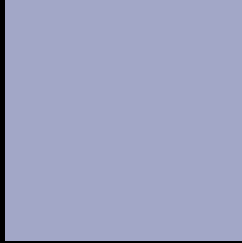
Large Text (above 18pt) WCAG AA × Fail

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 39.0278, 39.4423, 59.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

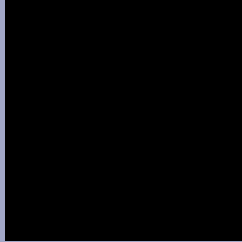
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0278, 39.4423, 59.5890

Background



This preview shows how black text looks on a background with the XYZ color 39.0278, 39.4423, 59.5890.



This preview shows how white text looks on a background with the XYZ color 39.0278, 39.4423,

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

39.0278, 39.4423, 59.5890

Protanopia

39.0278, 39.4423, 59.5890

Deuteranopia

40.4580, 39.6264, 60.1599



Tritanopia

37.2200, 39.5393, 50.4699

Trichromacy



Original Color

39.0278, 39.4423, 59.5890

Protanomaly

39.0278, 39.4423, 59.5890

Deuteranomaly

39.9979, 39.6581, 60.1902

Tritanomaly

37.8705, 39.5236, 53.7769

Monochromacy



Original Color

39.0278, 39.4423, 59.5890

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9667, 39.4075, 48.7854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0278, 39.4423, 59.5890 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(162, 167, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 199)  
}
```

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(162, 167, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.0278, 39.4423, 59.5890 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(162, 167, 199) }
```


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

```
.border{ border-color:rgb(162, 167, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 167, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 167, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 167, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 167,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0278, 39.4423, 59.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 199) }
```

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

```
.background{ background-color: rgb(162,  
167, 199) }
```

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