

Converting Colors

XYZ(39.3602, 38.5857, 75.0874)

Have a look what the booklet for
XYZ(39.3602, 38.5857, 75.0874)
contains.

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Color

**XYZ(39.3572, 38.4579,
75.1608)**

Conversions

Conversions Part 1

Format	Color
Hex	97A4DF
RGB	151, 164, 223
RGB Percent	59%, 64%, 87%
CMY	0.4078, 0.3569, 0.1255
CMYK	0.32, 0.26, 0.00, 0.13
HSL	229°, 53%, 73%
HSV	229°, 32%, 87%
XYZ	39.3572, 38.4579, 75.1608
YIQ	166.8390, -26.6870, 15.5930

Conversions

Conversions Part 2

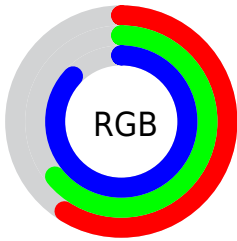
Format	Color
RYB	151, 162, 223
Decimal	9938143
CIELab	68.36, 9.07, -31.31
CIElCh	68, 32.600, 286.153
Yxy	38.4579, 0.2573, 0.2514
Android (android.graphics.Color)	4288128223 (0xFF97A4DF)
YUV	166.8390, 27.6874, -13.8908
Hunter-Lab	62.0144, 4.7590, -28.4487

Details

The XYZ color **39.3572, 38.4579, 75.1608** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.0647, 64.0163, 38.5228**, and the grayscale version is **36.5322, 38.4347, 41.8554**.

A 20% lighter version of the original color is **69.1136, 71.1484, 104.6981**, and **17.8991, 17.0122, 39.3861** is the 20% darker color. If you saturate the color by 10%, you get **32.5649, 30.4461, 73.9730**, and if you desaturate by 10%, it is **47.4048, 47.8159, 76.5436**.

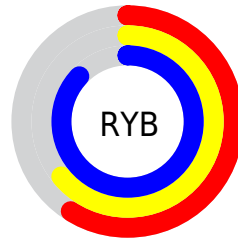
Distribution



Red (59%)

Green (64%)

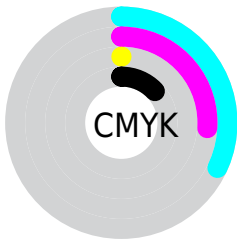
Blue (87%)



Red (59%)

Yellow (64%)

Blue (87%)

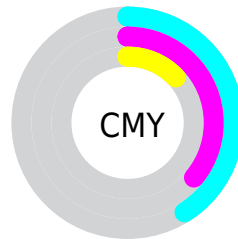


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (41%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3572, 38.4579, 75.1608 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 39.3572, 38.4579, 75.1608 by changing the saturation by 10% instead.

■ 39.3572, 38.4579,
75.1608

■ 39.3572, 38.4579,
75.1608

334.5878,
339.5802, 497.7402

■ 27.2197, 26.3383,
55.2421

■ 73.4743, 72.8094,
128.2891

■ 17.8757, 17.0769,
39.1957

■ 96.1845, 95.8101,
162.3359

■ 10.9600, 10.2893,
26.6030

123.1498,
123.2066, 201.9290

■ 6.1070, 5.5912,
17.0455

154.7353,
155.3834, 247.4872

■ 2.9515, 2.5981,
10.1046

191.3065,
192.7247, 299.4288

■ 1.1282, 0.9257,
5.3619

233.2288,

■ 0.0485, 0.0000,

235.6150, 358.1725

2.3987

280.8675,
284.4387, 424.1368

■ 0.0000, 0.0000,
0.7857

■ 0.0000, 0.0000,
0.0000

■ 39.3572, 38.4579,
75.1608

■ 39.3572, 38.4579,
75.1608

■ 32.5649, 30.4461,
73.9730

■ 47.4048, 47.8159,
76.5436

■ 26.9597, 23.7135,
72.9689

■ 56.7632, 58.5743,
78.1269

■ 22.4729, 18.1936,
72.1400

■ 67.4895, 70.7894,
79.9194

■ 19.0270, 13.8121,
71.4759

■ 79.6361, 84.5134,
81.9282

■ 16.5339, 10.4863,
70.9653

■ 90.3194, 98.1078,
83.9891

■ 14.8903, 8.1209,
70.5954

■ 14.0872, 6.8633,
70.3950

Harmonies

Analogous

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



34.2502, 38.4579, 75.5950



39.3572, 38.4579, 75.1608



44.1121, 38.4579, 64.5651

Triad

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



39.3572, 38.4579, 75.1608



43.7956, 38.4579, 24.6727



27.8139, 38.4579, 35.4904

Complementary

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



39.3572, 38.4579, 75.1608



59.0647, 64.0163, 38.5228

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.



29.9110, 38.4579, 25.2404



39.3572, 38.4579, 75.1608



38.9569, 38.4579, 20.0530

Square

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



39.3572, 38.4579, 75.1608



46.8334, 38.4579, 34.5187



33.8854, 38.4579, 20.2332



27.8993, 38.4579, 50.2065

Rectangle

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



39.3572, 38.4579, 75.1608



46.3032, 38.4579, 54.3206



33.8854, 38.4579, 20.2332



28.2778, 38.4579, 31.4908

Sweetspot

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



39.3585, 38.4594, 75.1617



79.9754, 82.8654, 106.3872



50.7591, 63.9987, 70.5208



16.6975, 17.2562, 22.7007



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.



39.3585, 38.4594, 75.1617



46.7143, 44.3250, 100.7012



41.7981, 36.4380, 74.6429



13.1512, 13.6415, 17.3276



8.3419, 4.1533, 41.4104



0.6378, 0.4070, 2.8902

Inverse Universe

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



48.1999, 40.5028, 40.4008



60.6451, 47.9230, 45.8465



55.8474, 67.3175, 39.3296



13.8078, 13.7407, 14.7580



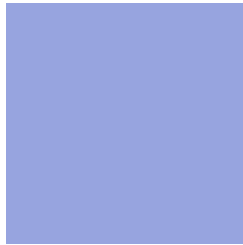
18.1508, 9.3273, 2.1938



1.2882, 0.6585, 0.3104

Previews

White Background



This preview shows how the XYZ color 39.3572, 38.4579, 75.1608 looks on a white background.

Color Contrast Check

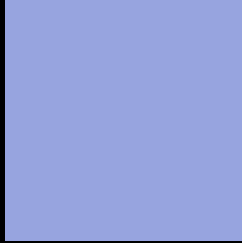
Large Text (above 18pt) WCAG AA × Fail

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 39.3572, 38.4579, 75.1608 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 39.3572, 38.4579, 75.1608

Background



This preview shows how black text looks on a background with the XYZ color 39.3572, 38.4579, 75.1608.



This preview shows how white text looks on a background with the XYZ color 39.3572, 38.4579,

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

39.3572, 38.4579, 75.1608

Protanopia

39.1724, 38.3627, 75.1522

Deuteranopia

39.3572, 38.4579, 75.1608



Tritanopia

34.6476, 38.4682, 51.4979

Trichromacy



Original Color

39.3572, 38.4579, 75.1608

Protanomaly

39.1724, 38.3627, 75.1522

Deuteranomaly

39.3572, 38.4579, 75.1608

Tritanomaly

36.1655, 38.2398, 59.5077

Monochromacy



Original Color

39.3572, 38.4579, 75.1608

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3038, 38.4374, 52.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3572, 38.4579, 75.1608 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(151, 164, 223)` looks like.

```
.text, #text, p{  
    color:rgb(151, 164, 223)  
}
```

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(151, 164, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 164, 223) }
```

Border

The CSS property to change the border of an element to XYZ 39.3572, 38.4579, 75.1608 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(151, 164, 223) }
```


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

```
.border{ border-color:rgb(151, 164, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 164, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 164, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 164, 223);  
box-shadow:4px 4px 4px 4px rgb(151, 164,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3572, 38.4579, 75.1608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 164, 223) }
```

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

```
.background{ background-color: rgb(151,  
164, 223) }
```

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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