

Converting Colors

XYZ(40.0938, 38.9555, 74.4087)

Have a look what the booklet for
XYZ(40.0938, 38.9555, 74.4087)
contains.

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Color

**XYZ(39.9778, 38.7934,
74.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA4DE
RGB	155, 164, 222
RGB Percent	61%, 64%, 87%
CMY	0.3921, 0.3568, 0.1294
CMYK	0.30, 0.26, 0.00, 0.13
HSL	232°, 50%, 74%
HSV	232°, 30%, 87%
XYZ	39.9778, 38.7934, 74.4881
YIQ	167.9210, -23.9820, 16.1300

Conversions

Conversions Part 2

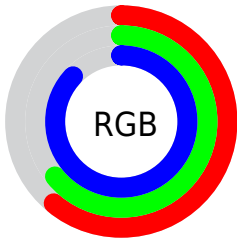
Format	Color
RYB	155, 163, 222
Decimal	10200286
CIELab	68.60, 9.96, -30.36
CIELCh	69, 31.956, 288.168
Yxy	38.7934, 0.2609, 0.2531
Android (android.graphics.Color)	4288390366 (0xFF9BA4DE)
YUV	167.9210, 26.6609, -11.3317
Hunter-Lab	62.2843, 5.5743, -27.3080

Details

The XYZ color **39.9778, 38.7934, 74.4881** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.8355, 65.4851, 40.4978**, and the grayscale version is **37.0635, 38.9937, 42.4642**.

A 20% lighter version of the original color is **70.2455, 71.7319, 104.7511**, and **18.2487, 17.2031, 38.9179** is the 20% darker color. If you saturate the color by 10%, you get **32.9193, 30.4298, 73.2465**, and if you desaturate by 10%, it is **48.3418, 48.6032, 75.9414**.

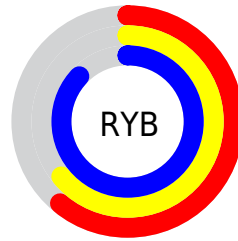
Distribution



Red (61%)

Green (64%)

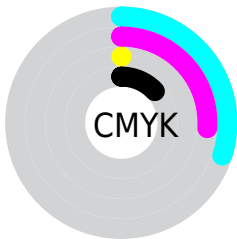
Blue (87%)



Red (61%)

Yellow (64%)

Blue (87%)

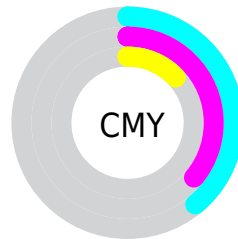


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (39%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9778, 38.7934, 74.4881 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 39.9778, 38.7934, 74.4881 by changing the saturation by 10% instead.

■ 39.9778, 38.7934,
74.4881

■ 39.9778, 38.7934,
74.4881

337.1660,
341.0113, 495.3647

■ 27.7054, 26.5990,
54.6944

■ 74.4143, 73.3226,
127.3279

■ 18.2430, 17.2723,
38.7602

■ 97.3090, 96.4262,
161.2111

■ 11.2253, 10.4288,
26.2668

124.4752,
123.9351, 200.6279

■ 6.2870, 5.6842,
16.7958

156.2783,
156.2335, 245.9968

■ 3.0627, 2.6540,
9.9286

193.0835,
193.7060, 297.7364

■ 1.1870, 0.9539,
5.2467

235.2563,

■ 0.0961, 0.0000,

236.7368, 356.2652

2.3314

283.1621,
285.7105, 422.0018

■ 0.0000, 0.0000,
0.7487

■ 0.0000, 0.0000,
0.0000

■ 39.9778, 38.7934,
74.4881

■ 39.9778, 38.7934,
74.4881

■ 32.9193, 30.4298,
73.2465

■ 48.3418, 48.6032,
75.9414

■ 27.0963, 23.4392,
72.2040

■ 58.0688, 59.9185,
77.6128

■ 22.4378, 17.7488,
71.3512

■ 69.2178, 72.8012,
79.5118

■ 18.8643, 13.2771,
70.6764

■ 81.8430, 87.3080,
81.6465

■ 16.2857, 9.9334,
70.1670

■ 90.1850, 98.0540,
83.2810

■ 14.5972, 7.6137,
69.8082

■ 13.6448, 6.1936,
69.5843

Harmonies

Analogous

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



34.9199, 38.7934, 75.6534



39.9778, 38.7934, 74.4881



44.5765, 38.7934, 63.5917

Triad

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



39.9778, 38.7934, 74.4881



43.7221, 38.7934, 24.7472



28.1750, 38.7934, 36.7992

Complementary

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



39.9778, 38.7934, 74.4881



59.8355, 65.4851, 40.4978

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.



30.1107, 38.7934, 26.2978



39.9778, 38.7934, 74.4881



38.8954, 38.7934, 20.4778

Square

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



39.9778, 38.7934, 74.4881



46.8702, 38.7934, 34.1611



33.9313, 38.7934, 20.9719



28.4074, 38.7934, 51.5004

Rectangle

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



39.9778, 38.7934, 74.4881



46.6220, 38.7934, 53.4272



33.9313, 38.7934, 20.9719



28.5859, 38.7934, 32.7338

Sweetspot

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



39.9791, 38.7949, 74.4890



81.0914, 83.8771, 106.5237



51.5172, 63.9629, 71.8860



16.9065, 17.4312, 22.7234



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.



39.9791, 38.7949, 74.4890



48.6291, 45.8953, 100.9034



43.3708, 38.2361, 74.2024



13.0998, 13.5387, 17.3105



8.1507, 3.7710, 41.3467



0.6135, 0.3584, 2.8821

Inverse Universe

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



48.5475, 41.6538, 40.6048



62.1630, 50.6416, 47.3306



55.4726, 66.6906, 40.9604



13.7818, 13.7304, 14.6213



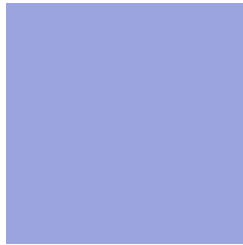
18.0543, 9.2887, 1.6858



1.2759, 0.6536, 0.2458

Previews

White Background



This preview shows how the XYZ color 39.9778, 38.7934, 74.4881 looks on a white background.

Color Contrast Check

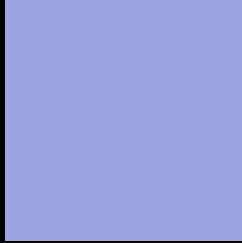
Large Text (above 18pt) WCAG AA × Fail

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 39.9778, 38.7934, 74.4881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

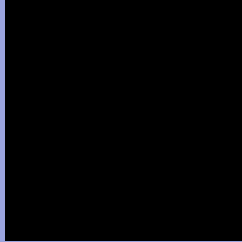
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9778, 38.7934, 74.4881

Background



This preview shows how black text looks on a background with the XYZ color 39.9778, 38.7934, 74.4881.



This preview shows how white text looks on a background with the XYZ color 39.9778, 38.7934,

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

39.9778, 38.7934, 74.4881

Protanopia

39.5369, 38.8173, 75.2207

Deuteranopia

39.7768, 38.9565, 74.5301



Tritanopia

35.3525, 38.8316, 51.5309

Trichromacy



Original Color

39.9778, 38.7934, 74.4881

Protanomaly

39.7233, 38.9134, 75.2294

Deuteranomaly

39.9664, 39.0542, 74.5390

Tritanomaly

36.7734, 38.5665, 58.9320

Monochromacy



Original Color

39.9778, 38.7934, 74.4881

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.0001, 39.0548, 53.1125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9778, 38.7934, 74.4881 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(155, 164, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 164, 222)  
}
```

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(155, 164, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 164, 222) }
```

Border

The CSS property to change the border of an element to XYZ 39.9778, 38.7934, 74.4881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

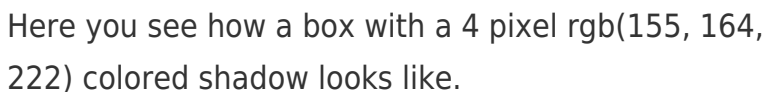
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 164, 222) }
```


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

```
.border{ border-color:rgb(155, 164, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 164, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 164, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 164, 222); box-shadow:4px 4px 4px 4px rgb(155, 164, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9778, 38.7934, 74.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 164, 222) }
```

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

```
.background{ background-color: rgb(155,  
164, 222) }
```

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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