

Converting Colors

XYZ(39.6665, 40.3104, 75.4772)

Have a look what the booklet for
XYZ(39.6665, 40.3104, 75.4772)
contains.

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Color

**XYZ(39.5481, 40.1882,
75.4847)**

Conversions

Conversions Part 1

Format	Color
Hex	92AADF
RGB	146, 170, 223
RGB Percent	57%, 67%, 87%
CMY	0.4274, 0.3333, 0.1255
CMYK	0.35, 0.24, 0.00, 0.13
HSL	221°, 55%, 72%
HSV	221°, 35%, 87%
XYZ	39.5481, 40.1882, 75.4847
YIQ	168.8660, -31.3170, 11.3950

Conversions

Conversions Part 2

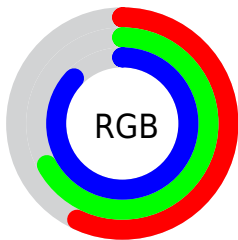
Format	Color
RYB	146, 164, 223
Decimal	9611999
CIELab	69.60, 4.30, -29.42
CIElCh	70, 29.730, 278.312
Yxy	40.1882, 0.2548, 0.2589
Android (android.graphics.Color)	4287802079 (0xFF92AADF)
YUV	168.8660, 26.6881, -20.0535
Hunter-Lab	63.3942, 0.4165, -26.2219

Details

The XYZ color **39.5481, 40.1882, 75.4847** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.0440, 58.6110, 35.5548**, and the grayscale version is **37.5304, 39.4849, 42.9991**.

A 20% lighter version of the original color is **69.3323, 73.6270, 105.1650**, and **18.0605, 18.1112, 39.5897** is the 20% darker color. If you saturate the color by 10%, you get **33.2526, 32.9185, 74.4140**, and if you desaturate by 10%, it is **46.9554, 48.5316, 76.7054**.

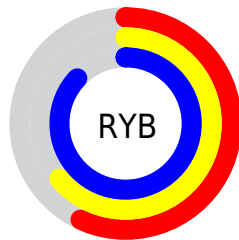
Distribution



Red (57%)

Green (67%)

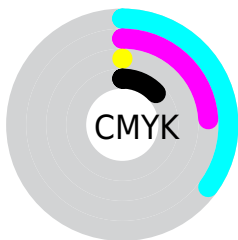
Blue (87%)



Red (57%)

Yellow (64%)

Blue (87%)

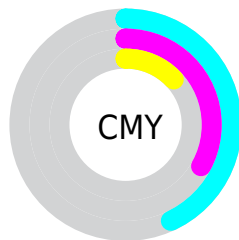


Cyan (35%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (43%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5481, 40.1882, 75.4847 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 39.5481, 40.1882, 75.4847 by changing the saturation by 10% instead.

■ 39.5481, 40.1882,
75.4847

■ 39.5481, 40.1882,
75.4847

335.3824,
346.9162, 498.8817

■ 27.3690, 27.6853,
55.5059

■ 73.7636, 75.4500,
128.7516

■ 17.9886, 18.0886,
39.4056

■ 96.5307, 98.9777,
162.8769

■ 11.0414, 11.0136,
26.7652

123.5580,
126.9492, 202.5548

■ 6.1622, 6.0760,
17.1661

155.2106,
159.7487, 248.2037

■ 2.9856, 2.8913,
10.1897

191.8540,
197.7608, 300.2424

■ 1.1461, 1.0753,
5.4177

233.8535,

■ 0.0632, 0.0000,

241.3698, 359.0892

2.4314

281.5745,
290.9601, 425.1628

■ 0.0000, 0.0000,
0.8035

■ 0.0000, 0.0000,
0.0000

■ 39.5481, 40.1882,
75.4847

■ 39.5481, 40.1882,
75.4847

■ 33.2526, 32.9185,
74.4140

■ 46.9554, 48.5316,
76.7054

■ 28.0083, 26.6714,
73.4846

■ 55.5229, 57.9872,
78.0790

■ 23.7545, 21.3986,
72.6911

■ 65.3010, 68.5974,
79.6116

■ 20.4223, 17.0453,
72.0264

■ 76.3358, 80.4008,
81.3083

■ 17.9327, 13.5503,
71.4830

■ 87.7436, 92.9562,
83.1305

■ 16.1917, 10.8431,
71.0522

■ 90.3194, 98.1078,
83.9891

■ 15.4789, 9.6468,
70.8589

Harmonies

Analogous

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



34.8862, 40.1882, 73.2150



39.5481, 40.1882, 75.4847



44.2124, 40.1882, 67.9583

Triad

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



39.5481, 40.1882, 75.4847



45.9100, 40.1882, 29.3269



30.2445, 40.1882, 34.6956

Complementary

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



39.5481, 40.1882, 75.4847



56.0440, 58.6110, 35.5548

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.



32.7548, 40.1882, 26.1165



39.5481, 40.1882, 75.4847



41.7123, 40.1882, 23.4992

Square

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



39.5481, 40.1882, 75.4847



48.0815, 40.1882, 40.0456



36.8784, 40.1882, 22.4617



29.7706, 40.1882, 47.6933

Rectangle

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



39.5481, 40.1882, 75.4847



46.6053, 40.1882, 59.1698



36.8784, 40.1882, 22.4617



30.8674, 40.1882, 31.2859

Sweetspot

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



39.5494, 40.1898, 75.4856



80.9370, 84.7886, 106.7077



48.5072, 62.9930, 63.4031



16.9287, 17.7186, 22.7777



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.



39.5494, 40.1898, 75.4856



47.6519, 47.6293, 101.2896



38.1200, 33.3725, 74.2451



13.2989, 13.9368, 17.3768



9.1903, 5.8501, 41.6932



0.7151, 0.5617, 2.9160

Inverse Universe

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



47.9672, 39.1494, 43.0603



60.7695, 46.6371, 50.6193



57.8384, 68.3898, 37.3477



13.8823, 13.7706, 15.1505



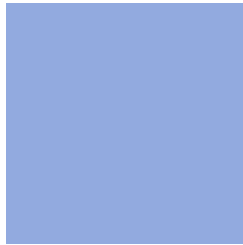
18.5790, 9.4986, 4.4489



1.3272, 0.6742, 0.5159

Previews

White Background



This preview shows how the XYZ color 39.5481, 40.1882, 75.4847 looks on a white background.

Color Contrast Check

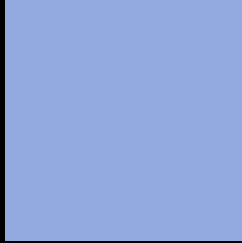
Large Text (above 18pt) WCAG AA × Fail

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 39.5481, 40.1882, 75.4847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

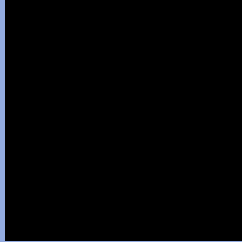
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5481, 40.1882, 75.4847

Background



This preview shows how black text looks on a background with the XYZ color 39.5481, 40.1882, 75.4847.



This preview shows how white text looks on a background with the XYZ color 39.5481, 40.1882,

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

39.5481, 40.1882, 75.4847

Protanopia

40.5713, 40.1943, 74.0265

Deuteranopia

41.1779, 40.1873, 76.1076



Tritanopia

35.3008, 40.1716, 54.6085

Trichromacy



Original Color

39.5481, 40.1882, 75.4847

Protanomaly

40.3217, 40.3253, 74.7656

Deuteranomaly

40.5940, 40.1594, 76.1330

Tritanomaly

36.7812, 40.1991, 61.6977

Monochromacy



Original Color

39.5481, 40.1882, 75.4847

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0712, 39.6271, 53.7863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5481, 40.1882, 75.4847 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(146, 170, 223)` looks like.

```
.text, #text, p{  
    color:rgb(146, 170, 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(146, 170, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 170, 223) }
```

Border

The CSS property to change the border of an element to XYZ 39.5481, 40.1882, 75.4847 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(146, 170, 223) }
```


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

```
.border{ border-color:rgb(146, 170, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 170, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 170, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 170, 223);  
box-shadow:4px 4px 4px 4px rgb(146, 170,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5481, 40.1882, 75.4847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 170, 223) }
```

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

```
.background{ background-color: rgb(146,  
170, 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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