

Converting Colors

XYZ(40.2796, 38.8996, 72.6389)

Have a look what the booklet for
XYZ(40.2796, 38.8996, 72.6389)
contains.

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Color

**XYZ(40.3597, 39.0363,
72.4254)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA4DB
RGB	159, 164, 219
RGB Percent	62%, 64%, 86%
CMY	0.3765, 0.3568, 0.1412
CMYK	0.27, 0.25, 0.00, 0.14
HSL	235°, 45%, 74%
HSV	235°, 27%, 86%
XYZ	40.3597, 39.0363, 72.4254
YIQ	168.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

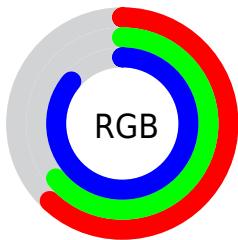
Format	Color
R _Y B	159, 164, 219
Decimal	10462427
CIE Lab	68.78, 10.39, -28.42
CIE LCh	69, 30.258, 290.090
Yxy	39.0363, 0.2658, 0.2571
Android (android.graphics.Color)	4288652507 (0xFF9FA4DB)
YUV	168.7750, 24.7609, -8.5727
Hunter-Lab	62.4790, 5.9677, -24.9934

Details

The XYZ color **40.3597, 39.0363, 72.4254** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.5186, 65.6569, 42.3382**, and the grayscale version is **37.4909, 39.4433, 42.9538**.

A 20% lighter version of the original color is **71.4058, 72.3301, 104.8054**, and **18.4389, 17.3328, 37.4957** is the 20% darker color. If you saturate the color by 10%, you get **33.0821, 30.3664, 71.1362**, and if you desaturate by 10%, it is **48.9763, 49.2400, 73.9414**.

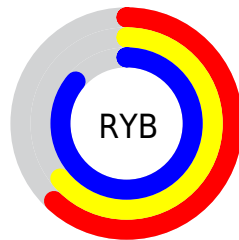
Distribution



Red (62%)

Green (64%)

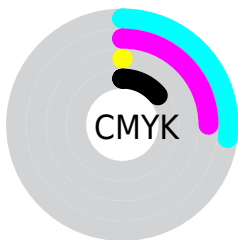
Blue (86%)



Red (62%)

Yellow (64%)

Blue (86%)

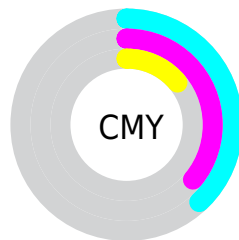


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3597, 39.0363, 72.4254 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 40.3597, 39.0363, 72.4254 by changing the saturation by 10% instead.

■ 40.3597, 39.0363,
72.4254

■ 40.3597, 39.0363,
72.4254

338.7458,
342.0448, 488.0382

■ 28.0046, 26.7880,
53.0173

■ 74.9918, 73.6938,
124.3745

■ 18.4696, 17.4140,
37.4288

■ 97.9995, 96.8717,
157.7525

■ 11.3894, 10.5301,
25.2412

125.2887,
124.4616, 196.6243

■ 6.3986, 5.7518,
16.0362

157.2249,
156.8479, 241.4084

■ 3.1319, 2.6948,
9.3952

194.1733,
194.4150, 292.5233

■ 1.2239, 0.9745,
4.8995

236.4994,

■ 0.1251, 0.0000,

237.5472, 350.3875

2.1307

284.5684,
286.6290, 415.4196

■ 0.0000, 0.0000,
0.6340

■ 0.0000, 0.0000,
0.0000

■ 40.3597, 39.0363,
72.4254

■ 40.3597, 39.0363,
72.4254

■ 33.0821, 30.3664,
71.1362

■ 48.9763, 49.2400,
73.9414

■ 27.0725, 23.1518,
70.0604

■ 58.9905, 61.0419,
75.6916

■ 22.2593, 17.3137,
69.1872

■ 70.4621, 74.5082,
77.6863

■ 18.5619, 12.7642,
68.5039

■ 83.4461, 89.7003,
79.9343

■ 15.8898, 9.4052,
67.9964

■ 89.7863, 97.8945,
81.1818

■ 14.1386, 7.1242,
67.6484

■ 13.1737, 5.7833,
67.4405

■ 13.0067, 5.5554,
67.4053

Harmonies

Analogous

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



35.5392, 39.0363, 74.1688



40.3597, 39.0363, 72.4254



44.6311, 39.0363, 61.7877

Triad

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



40.3597, 39.0363, 72.4254



43.3358, 39.0363, 25.3015



28.7441, 39.0363, 38.1212

Complementary

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



40.3597, 39.0363, 72.4254



59.5186, 65.6569, 42.3382

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.



30.4726, 39.0363, 27.7185



40.3597, 39.0363, 72.4254



38.7117, 39.0363, 21.4437

Square

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



40.3597, 39.0363, 72.4254



46.4493, 39.0363, 34.0663



34.0261, 39.0363, 22.2212



29.1026, 39.0363, 52.2310

Rectangle

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



40.3597, 39.0363, 72.4254



46.4608, 39.0363, 52.1412



34.0261, 39.0363, 22.2212



29.0942, 39.0363, 34.1339

Sweetspot

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



40.3610, 39.0378, 72.4263



82.2610, 84.9781, 106.6745



51.6408, 62.8389, 72.3589



17.1247, 17.6209, 22.7486



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.



40.3610, 39.0378, 72.4263



50.7052, 47.6476, 101.1322



44.7138, 39.9793, 72.3786



12.4255, 12.7907, 16.4661



7.7448, 3.3590, 39.9786



0.5327, 0.2795, 2.6003

Inverse Universe

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



48.3135, 42.5379, 40.7878



63.7968, 53.5381, 49.0191



54.0961, 64.7692, 42.4527



13.0999, 13.0690, 13.7872



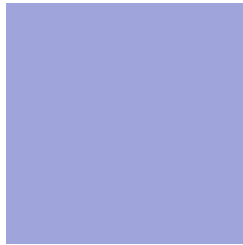
17.4045, 8.9629, 1.2444



1.1432, 0.5869, 0.1629

Previews

White Background



This preview shows how the XYZ color 40.3597, 39.0363, 72.4254 looks on a white background.

Color Contrast Check

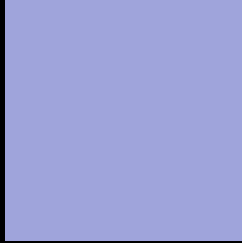
Large Text (above 18pt) WCAG AA × Fail

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 40.3597, 39.0363, 72.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

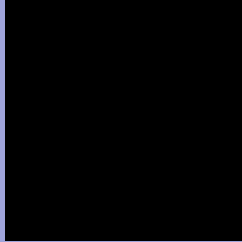
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3597, 39.0363, 72.4254

Background



This preview shows how black text looks on a background with the XYZ color 40.3597, 39.0363, 72.4254.



This preview shows how white text looks on a background with the XYZ color 40.3597, 39.0363,

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

40.3597, 39.0363, 72.4254

Protanopia

39.6914, 39.2120, 73.1869

Deuteranopia

39.9516, 39.0927, 72.4578



Tritanopia

35.9753, 38.8855, 50.9570

Trichromacy



Original Color

40.3597, 39.0363, 72.4254

Protanomaly

39.8910, 39.0461, 73.1443

Deuteranomaly

40.1459, 39.1928, 72.4669

Tritanomaly

37.5982, 39.0050, 58.3704

Monochromacy



Original Color

40.3597, 39.0363, 72.4254

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3054, 39.2246, 52.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3597, 39.0363, 72.4254 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, 164, 219)` looks like.

```
.text, #text, p{  
    color:rgb(159, 164, 219)  
}
```

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, 164, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 164, 219) }
```

Border

The CSS property to change the border of an element to XYZ 40.3597, 39.0363, 72.4254 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, 164, 219) }
```


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

```
.border{ border-color:rgb(159, 164, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 164, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 164, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 164, 219);  
box-shadow:4px 4px 4px 4px rgb(159, 164,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3597, 39.0363, 72.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 164, 219) }
```

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

```
.background{ background-color: rgb(159,  
164, 219) }
```

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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