

Converting Colors

XYZ(39.3423, 36.6570, 74.1092)

Have a look what the booklet for
XYZ(39.3423, 36.6570, 74.1092)
contains.

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Color

**XYZ(39.3423, 36.6570,
74.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9DDE
RGB	158, 157, 222
RGB Percent	62%, 62%, 87%
CMY	0.3804, 0.3843, 0.1294
CMYK	0.29, 0.29, 0.00, 0.13
HSL	241°, 50%, 74%
HSV	241°, 29%, 87%
XYZ	39.3423, 36.6570, 74.1092
YIQ	164.7090, -20.2690, 20.4270

Conversions

Conversions Part 2

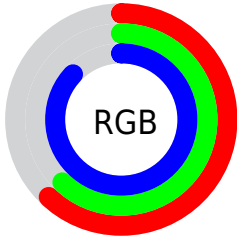
Format	Color
R _{YB}	158, 157, 222
Decimal	10395102
CIE _{Lab}	67.02, 14.79, -32.79
CIE _{LCh}	67, 35.972, 294.276
Yxy	36.6570, 0.2621, 0.2442
Android (android.graphics.Color)	4288585182 (0xFF9E9DDE)
YUV	164.7090, 28.2445, -5.8838
Hunter-Lab	60.5450, 10.0359, -30.1915

Details

The XYZ color **39.3423, 36.6570, 74.1092** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.0269, 70.0499, 42.1516**, and the grayscale version is **35.5020, 37.3508, 40.6751**.

A 20% lighter version of the original color is **69.0758, 68.1047, 104.1126**, and **17.9548, 16.1013, 38.7208** is the 20% darker color. If you saturate the color by 10%, you get **31.9982, 27.7934, 72.7861**, and if you desaturate by 10%, it is **48.1360, 47.2825, 75.6973**.

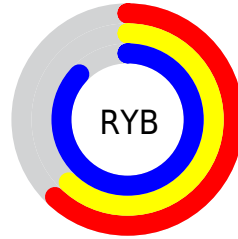
Distribution



Red (62%)

Green (62%)

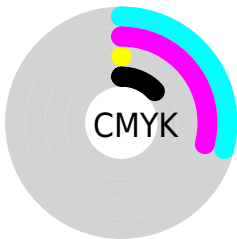
Blue (87%)



Red (62%)

Yellow (62%)

Blue (87%)

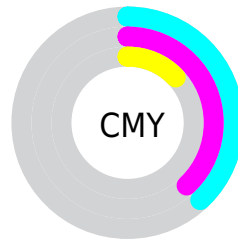


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3423, 36.6570, 74.1092 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 39.3423, 36.6570, 74.1092 by changing the saturation by 10% instead.

■ 39.3423, 36.6570,
74.1092

■ 39.3423, 36.6570,
74.1092

334.5258,
331.8231, 494.0237

■ 27.2080, 24.9420,
54.3861

■ 73.4517, 70.0449,
126.7861

■ 17.8669, 16.0339,
38.5151

■ 96.1575, 92.4867,
160.5769

■ 10.9536, 9.5481,
26.0778

123.1179,
119.2728, 199.8941

■ 6.1027, 5.1004,
16.6556

154.6982,
150.7878, 245.1561

■ 2.9489, 2.3063,
9.8299

191.2638,
187.4158, 296.7815

■ 1.1268, 0.7770,
5.1822

233.1800,

■ 0.0474, 0.0000,

229.5415, 355.1889

2.2939

280.8122,
277.5491, 420.7968

■ 0.0000, 0.0000,
0.7278

■ 0.0000, 0.0000,
0.0000

■ 39.3423, 36.6570,
74.1092

■ 39.3423, 36.6570,
74.1092

■ 31.9982, 27.7934,
72.7861

■ 48.1360, 47.2825,
75.6973

■ 26.0224, 20.5924,
71.7111

■ 58.4473, 59.7533,
77.5609

■ 21.3315, 14.9518,
70.8696

■ 70.3444, 74.1526,
79.7132

■ 17.8313, 10.7561,
70.2442

■ 83.8902, 90.5575,
82.1658

■ 15.4147, 7.8739,
69.8153

■ 90.1849, 98.0540,
83.2809

■ 13.9556, 6.1501,
69.5594

■ 13.2648, 5.3410,
69.4397

■ 13.2277, 5.2960,
69.4329

Harmonies

Analogous

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



33.8038, 36.6570, 77.9673



39.3423, 36.6570, 74.1092



44.0868, 36.6570, 60.1882

Triad

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



39.3423, 36.6570, 74.1092



41.3436, 36.6570, 20.1285



25.3972, 36.6570, 36.9864

Complementary

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



39.3423, 36.6570, 74.1092



62.0269, 70.0499, 42.1516

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.



26.9883, 36.6570, 24.7949



39.3423, 36.6570, 74.1092



35.8999, 36.6570, 16.8342

Square

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



39.3423, 36.6570, 74.1092



45.3243, 36.6570, 28.7756



30.6975, 36.6570, 18.2861



26.1140, 36.6570, 53.6075

Rectangle

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



39.3423, 36.6570, 74.1092



45.9659, 36.6570, 48.6366



30.6975, 36.6570, 18.2861



25.6743, 36.6570, 32.3008

Sweetspot

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



39.3435, 36.6584, 74.1100



80.3303, 82.1847, 106.2371



53.2118, 64.6855, 78.7889



16.7210, 17.0186, 22.6536



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.



39.3435, 36.6584, 74.1100



47.6029, 42.6304, 100.3273



46.3536, 40.2722, 74.4381



12.9714, 13.2533, 17.2622



7.8654, 3.1501, 41.2418



0.5522, 0.2219, 2.8590

Inverse Universe

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



55.2334, 44.8654, 74.1566



72.6607, 55.5736, 100.3511



53.3187, 65.5606, 41.7441



14.2855, 13.9318, 17.2735



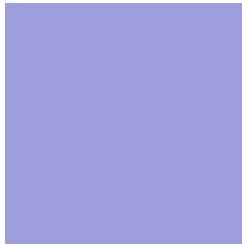
25.4598, 12.2509, 40.6825



1.7677, 0.8503, 2.8355

Previews

White Background



This preview shows how the XYZ color 39.3423, 36.6570, 74.1092 looks on a white background.

Color Contrast Check

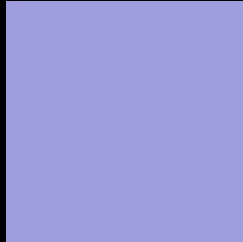
Large Text (above 18pt) WCAG AA × Fail

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 39.3423, 36.6570, 74.1092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

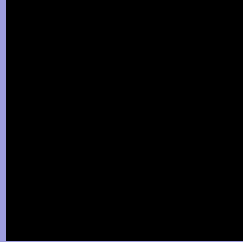
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3423, 36.6570, 74.1092

Background



This preview shows how black text looks on a background with the XYZ color 39.3423, 36.6570, 74.1092.



This preview shows how white text looks on a background with the XYZ color 39.3423, 36.6570,

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

39.3423, 36.6570, 74.1092

Protanopia

37.8371, 36.8553, 76.3537

Deuteranopia

37.6501, 36.8212, 73.5294



Tritanopia

33.8854, 36.5142, 47.3815

Trichromacy



Original Color

39.3423, 36.6570, 74.1092

Protanomaly

38.4198, 36.9130, 75.6210

Deuteranomaly

38.1996, 36.8461, 73.5053

Tritanomaly

35.6068, 36.4111, 56.1903

Monochromacy



Original Color

39.3423, 36.6570, 74.1092

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6835, 37.0672, 51.6756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3423, 36.6570, 74.1092 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(158, 157, 222)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 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(158, 157, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 222) }
```

Border

The CSS property to change the border of an element to XYZ 39.3423, 36.6570, 74.1092 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(158, 157, 222) }
```


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

```
.border{ border-color:rgb(158, 157, 222) }
```

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

Here you see how a box with a 4 pixel rgb(158, 157, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 222);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3423, 36.6570, 74.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 222) }
```

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

```
.background{ background-color: rgb(158,  
157, 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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