

Converting Colors

XYZ(39.7660, 34.8814, 74.2423)

Have a look what the booklet for
XYZ(39.7660, 34.8814, 74.2423)
contains.

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Color

**XYZ(39.7926, 34.9296,
74.4568)**

Conversions

Conversions Part 1

Format	Color
Hex	A695DF
RGB	166, 149, 223
RGB Percent	65%, 58%, 87%
CMY	0.3490, 0.4157, 0.1255
CMYK	0.26, 0.33, 0.00, 0.13
HSL	254°, 54%, 73%
HSV	254°, 33%, 87%
XYZ	39.7926, 34.9296, 74.4568
YIQ	162.5190, -13.6220, 26.6180

Conversions

Conversions Part 2

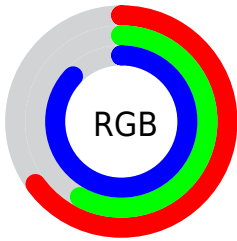
Format	Color
RYB	166, 149, 223
Decimal	10917343
CIELab	65.69, 21.92, -35.35
CIELCh	66, 41.594, 301.798
Yxy	34.9296, 0.2667, 0.2341
Android (android.graphics.Color)	4289107423 (0xFFA695DF)
YUV	162.5190, 29.8171, 3.0528
Hunter-Lab	59.1013, 16.7560, -33.3237

Details

The XYZ color **39.7926, 34.9296, 74.4568** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.2670, 68.0678, 38.5553**, and the grayscale version is **34.4560, 36.2504, 39.4767**.

A 20% lighter version of the original color is **69.5301, 65.4615, 103.5784**, and **18.0248, 14.9701, 38.4987** is the 20% darker color. If you saturate the color by 10%, you get **33.2331, 26.8031, 73.2346**, and if you desaturate by 10%, it is **47.5109, 44.6577, 75.9283**.

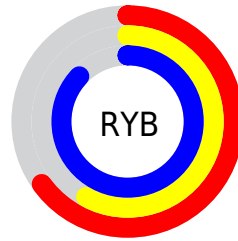
Distribution



Red (65%)

Green (58%)

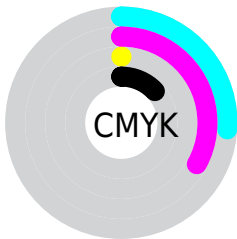
Blue (87%)



Red (65%)

Yellow (58%)

Blue (87%)

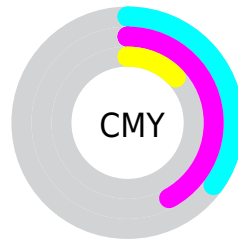


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (42%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7926, 34.9296, 74.4568 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 39.7926, 34.9296, 74.4568 by changing the saturation by 10% instead.

■ 39.7926, 34.9296,
74.4568

■ 39.7926, 34.9296,
74.4568

336.3981,
324.2575, 495.2540

■ 27.5604, 23.6087,
54.6689

■ 74.1339, 67.3767,
127.2832

■ 18.1333, 15.0436,
38.7399

■ 96.9738, 89.2716,
161.1587

■ 11.1460, 8.8500,
26.2512

124.0801,
115.4600, 200.5673

■ 6.2331, 4.6435,
16.7842

155.8184,
146.3262, 245.9274

■ 3.0294, 2.0396,
9.9204

192.5540,
182.2547, 297.6576

■ 1.1693, 0.6303,
5.2413

234.6523,

■ 0.0819, 0.0000,

223.6298, 356.1764

2.3283

282.4785,
270.8359, 421.9023

■ 0.0000, 0.0000,
0.7470

■ 0.0000, 0.0000,
0.0000

■ 39.7926, 34.9296,
74.4568

■ 39.7926, 34.9296,
74.4568

■ 33.2331, 26.8031,
73.2346

■ 47.5109, 44.6577,
75.9283

■ 27.7712, 20.1870,
72.2454

■ 56.4379, 56.0636,
77.6594

■ 23.3454, 14.9870,
71.4750

■ 66.6248, 69.2238,
79.6626

■ 19.8861, 11.0965,
70.9063

■ 78.1189, 84.2085,
81.9492

■ 17.3149, 8.3930,
70.5200

■ 89.1838, 97.5223,
83.9358

■ 15.5392, 6.7299,
70.2926

■ 90.3194, 98.1078,
83.9890

■ 14.6962, 6.0375,
70.2034

Harmonies

Analogous

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



33.5701, 34.9296, 82.6268



39.7926, 34.9296, 74.4568



44.6844, 34.9296, 56.2803

Triad

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



39.7926, 34.9296, 74.4568



39.0753, 34.9296, 15.3962



22.7743, 34.9296, 39.0997

Complementary

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



39.7926, 34.9296, 74.4568



57.2670, 68.0678, 38.5553

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.



23.8733, 34.9296, 24.2285



39.7926, 34.9296, 74.4568



32.8317, 34.9296, 13.3177

Square

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



39.7926, 34.9296, 74.4568



44.2358, 34.9296, 22.8977



27.3782, 34.9296, 15.9821



24.1709, 34.9296, 58.6924

Rectangle

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



39.7926, 34.9296, 74.4568



46.2583, 34.9296, 43.0442



27.3782, 34.9296, 15.9821



22.8635, 34.9296, 33.4255

Sweetspot

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



39.7938, 34.9310, 74.4576



80.5872, 81.2589, 106.0449



48.0195, 56.3278, 78.1541



16.8443, 16.8714, 22.6187



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.



39.7938, 34.9310, 74.4576



47.4436, 39.2831, 99.6896



48.4339, 39.3851, 74.8620



13.2452, 13.3944, 17.2750



8.7230, 3.5922, 41.2820



0.6826, 0.2892, 2.8651

Inverse Universe

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



52.3204, 41.6404, 63.6733



67.1354, 49.8441, 82.1048



48.3839, 63.4884, 38.1396



14.1533, 13.8789, 16.5772



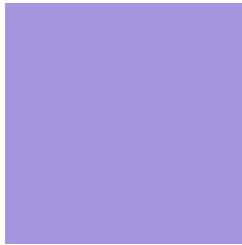
22.3037, 10.9885, 24.0630



1.5792, 0.7750, 1.8430

Previews

White Background



This preview shows how the XYZ color 39.7926, 34.9296, 74.4568 looks on a white background.

Color Contrast Check

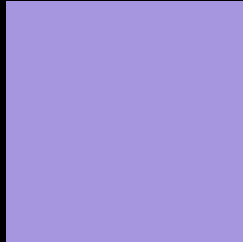
Large Text (above 18pt) WCAG AA × Fail

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 39.7926, 34.9296, 74.4568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

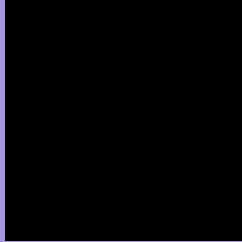
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7926, 34.9296, 74.4568

Background



This preview shows how black text looks on a background with the XYZ color 39.7926, 34.9296, 74.4568.



This preview shows how white text looks on a background with the XYZ color 39.7926, 34.9296,

74.4568.

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

39.7926, 34.9296, 74.4568

Protanopia

36.3532, 35.0053, 78.9694

Deuteranopia

35.9255, 35.1631, 73.3003



Tritanopia

33.5548, 34.8428, 43.9865

Trichromacy



Original Color

39.7926, 34.9296, 74.4568

Protanomaly

37.4534, 34.8603, 77.4278

Deuteranomaly

37.3006, 35.1062, 73.9175

Tritanomaly

35.6225, 34.6779, 54.1062

Monochromacy



Original Color

39.7926, 34.9296, 74.4568

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.2937, 35.8490, 50.9056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7926, 34.9296, 74.4568 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(166, 149, 223)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 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(166, 149, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 223) }
```

Border

The CSS property to change the border of an element to XYZ 39.7926, 34.9296, 74.4568 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(166, 149, 223) }
```


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

```
.border{ border-color:rgb(166, 149, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 149, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 223);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7926, 34.9296, 74.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 149, 223) }
```

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

```
.background{ background-color: rgb(166,  
149, 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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