

Converting Colors

XYZ(38.4374, 34.8694, 73.7274)

Have a look what the booklet for
XYZ(38.4374, 34.8694, 73.7274)
contains.

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Color

**XYZ(38.5136, 34.9995,
73.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	9E98DE
RGB	158, 152, 222
RGB Percent	62%, 60%, 87%
CMY	0.3804, 0.4039, 0.1294
CMYK	0.29, 0.32, 0.00, 0.13
HSL	245°, 51%, 73%
HSV	245°, 32%, 87%
XYZ	38.5136, 34.9995, 73.8329
YIQ	161.7740, -18.8940, 23.0420

Conversions

Conversions Part 2

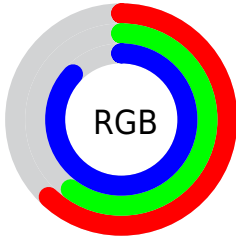
Format	Color
RYB	158, 152, 222
Decimal	10393822
CIELab	65.75, 17.63, -34.76
CIELCh	66, 38.979, 296.893
Yxy	34.9995, 0.2614, 0.2375
Android (android.graphics.Color)	4288583902 (0xFF9E98DE)
YUV	161.7740, 29.6914, -3.3098
Hunter-Lab	59.1604, 12.6734, -32.5824

Details

The XYZ color **38.5136, 34.9995, 73.8329** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.1084, 69.1092, 39.8785**, and the grayscale version is **34.1099, 35.8862, 39.0801**.

A 20% lighter version of the original color is **67.8529, 65.6588, 103.7049**, and **17.4544, 15.1006, 38.5540** is the 20% darker color. If you saturate the color by 10%, you get **31.5740, 26.5651, 72.5713**, and if you desaturate by 10%, it is **46.7893, 45.1252, 75.3518**.

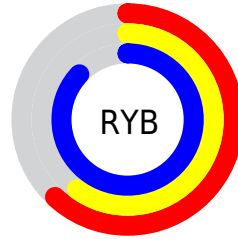
Distribution



Red (62%)

Green (60%)

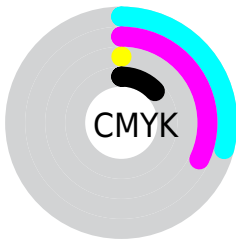
Blue (87%)



Red (62%)

Yellow (60%)

Blue (87%)

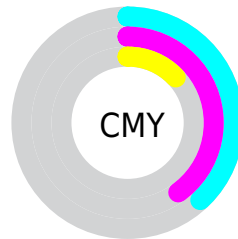


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5136, 34.9995, 73.8329 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 38.5136, 34.9995, 73.8329 by changing the saturation by 10% instead.

■ 38.5136, 34.9995,
73.8329

■ 38.5136, 34.9995,
73.8329

331.0610,
324.5661, 493.0444

■ 26.5606, 23.6625,
54.1613

■ 72.1935, 67.4850,
126.3908

■ 17.3784, 15.0834,
38.3366

■ 94.6511, 89.4023,
160.1141

■ 10.6016, 8.8780,
25.9402

121.3409,
115.6151, 199.3585

■ 5.8649, 4.6617,
16.5535

152.6283,
146.5078, 244.5424

■ 2.8030, 2.0502,
9.7581

188.8787,
182.4649, 296.0844

■ 1.0505, 0.6364,
5.1354

230.4573,

■ 0.0000, 0.0000,

223.8707, 354.4031

2.2668

277.7296,
271.1097, 419.9169

■ 0.0000, 0.0000,
0.7125

■ 0.0000, 0.0000,
0.0000

■ 38.5136, 34.9995,
73.8329

■ 38.5136, 34.9995,
73.8329

■ 31.5740, 26.5651,
72.5713

■ 46.7893, 45.1252,
75.3518

■ 25.8968, 19.7258,
71.5504

■ 56.4624, 57.0231,
77.1385

■ 21.4069, 14.3821,
70.7556

■ 67.5948, 70.7740,
79.2059

■ 18.0193, 10.4216,
70.1697

■ 80.2435, 86.4524,
81.5655

■ 15.6379, 7.7158,
69.7729

■ 90.1849, 98.0540,
83.2809

■ 14.1497, 6.1121,
69.5418

■ 13.4540, 5.4127,
69.4435

Harmonies

Analogous

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



32.6712, 34.9995, 79.1998



38.5136, 34.9995, 73.8329



43.3968, 34.9995, 58.1178

Triad

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



38.5136, 34.9995, 73.8329



39.6676, 34.9995, 17.2858



23.4152, 34.9995, 36.4204

Complementary

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



38.5136, 34.9995, 73.8329



60.1084, 69.1092, 39.8785

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.



24.8489, 34.9995, 23.3164



38.5136, 34.9995, 73.8329



33.8679, 34.9995, 14.4535

Square

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



38.5136, 34.9995, 73.8329



44.1151, 34.9995, 25.5216



28.5181, 34.9995, 16.2938



24.3596, 34.9995, 54.2734

Rectangle

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



38.5136, 34.9995, 73.8329



45.2182, 34.9995, 45.7373



28.5181, 34.9995, 16.2938



23.6306, 34.9995, 31.3790

Sweetspot

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



38.5148, 35.0009, 73.8337



80.8580, 82.4567, 106.2618



50.7333, 61.1474, 78.2365



16.8496, 17.0849, 22.6596



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.



38.5148, 35.0009, 73.8337



46.1050, 39.8588, 99.8713



46.3640, 39.0473, 74.2010



13.0604, 13.2992, 17.2663



8.0299, 3.2349, 41.2495



0.5948, 0.2439, 2.8610

Inverse Universe

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



53.7480, 42.9451, 70.4228



70.2253, 52.4444, 94.1700



50.8849, 64.3543, 39.4468



14.2417, 13.9143, 17.0429



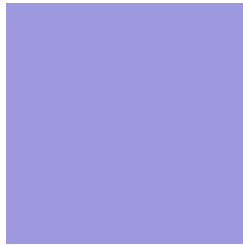
24.3146, 11.7929, 34.6522



1.7005, 0.8235, 2.4816

Previews

White Background



This preview shows how the XYZ color 38.5136, 34.9995, 73.8329 looks on a white background.

Color Contrast Check

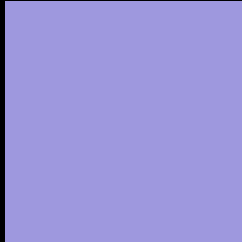
Large Text (above 18pt) WCAG AA × Fail

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 38.5136, 34.9995, 73.8329 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 38.5136, 34.9995, 73.8329

Background



This preview shows how black text looks on a background with the XYZ color 38.5136, 34.9995, 73.8329.



This preview shows how white text looks on a background with the XYZ color 38.5136, 34.9995,

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

38.5136, 34.9995, 73.8329

Protanopia

36.2657, 35.0082, 76.7974

Deuteranopia

36.0932, 35.2496, 73.3082



Tritanopia

32.5976, 34.8416, 45.0514

Trichromacy



Original Color

38.5136, 34.9995, 73.8329

Protanomaly

36.9890, 34.8987, 76.0207

Deuteranomaly

36.9722, 35.2004, 73.2523

Tritanomaly

34.5797, 34.8907, 54.2022

Monochromacy



Original Color

38.5136, 34.9995, 73.8329

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.5765, 35.4915, 50.3229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5136, 34.9995, 73.8329 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, 152, 222)` looks like.

```
.text, #text, p{  
    color:rgb(158, 152, 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, 152, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 152, 222) }
```

Border

The CSS property to change the border of an element to XYZ 38.5136, 34.9995, 73.8329 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, 152, 222) }
```


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

```
.border{ border-color:rgb(158, 152, 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, 152, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 152, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 152, 222);  
box-shadow:4px 4px 4px 4px rgb(158, 152,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5136, 34.9995, 73.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 152, 222) }
```

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

```
.background{ background-color: rgb(158,  
152, 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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