

Converting Colors

XYZ(39.0675, 35.1860, 63.3655)

Have a look what the booklet for
XYZ(39.0675, 35.1860, 63.3655)
contains.

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Color

**XYZ(39.0018, 35.2474,
63.1403)**

Conversions

Conversions Part 1

Format	Color
Hex	AB97CE
RGB	171, 151, 206
RGB Percent	67%, 59%, 81%
CMY	0.3294, 0.4078, 0.1922
CMYK	0.17, 0.27, 0.00, 0.19
HSL	262°, 36%, 70%
HSV	262°, 27%, 81%
XYZ	39.0018, 35.2474, 63.1403
YIQ	163.2500, -5.7350, 21.3450

Conversions

Conversions Part 2

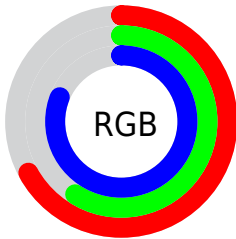
Format	Color
R_{YB}	171, 151, 206
Decimal	11245518
CIE _{Lab}	65.94, 18.36, -25.50
CIE _{LCh}	66, 31.423, 305.747
Yxy	35.2474, 0.2839, 0.2566
Android (android.graphics.Color)	4289435598 (0xFFAB97CE)
YUV	163.2500, 21.0757, 6.7968
Hunter-Lab	59.3695, 13.3659, -21.4971

Details

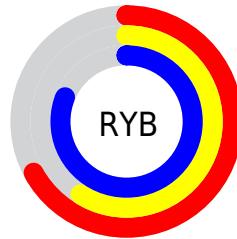
The XYZ color **39.0018, 35.2474, 63.1403** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.9080, 56.8169, 37.7215**, and the grayscale version is **34.8373, 36.6515, 39.9135**.

A 20% lighter version of the original color is **71.5599, 67.2135, 103.8096**, and **17.6959, 15.2329, 31.7133** is the 20% darker color. If you saturate the color by 10%, you get **33.2566, 27.7874, 62.0037**, and if you desaturate by 10%, it is **45.6118, 44.0148, 64.4848**.

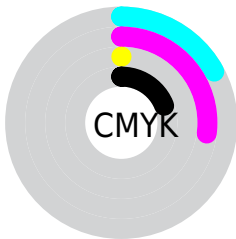
Distribution



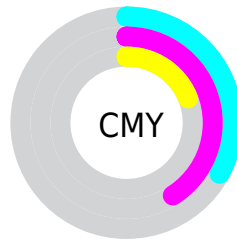
- Red (67%)
- Green (59%)
- Blue (81%)



- Red (67%)
- Yellow (59%)
- Blue (81%)



- Cyan (17%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0018, 35.2474, 63.1403 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 39.0018, 35.2474, 63.1403 by changing the saturation by 10% instead.

■ 39.0018, 35.2474,
63.1403

■ 39.0018, 35.2474,
63.1403

333.1052,
325.6590, 454.2004

■ 26.9419, 23.8535,
45.5130

■ 72.9351, 67.8689,
110.9594

■ 17.6659, 15.2250,
31.5158

■ 95.5392, 89.8652,
141.9883

■ 10.8086, 8.9774,
20.7302

122.3887,
116.1645, 178.3215

■ 6.0046, 4.7265,
12.7376

153.8490,
147.1511, 220.3775

■ 2.8886, 2.0877,
7.1195

190.2855,
183.2095, 268.5748

■ 1.0951, 0.6577,
3.4574

232.0634,

■ 0.0210, 0.0000,

224.7240, 323.3321

1.3327

279.5482,
272.0791, 385.0678

■ 0.0000, 0.0000,
0.0883

■ 0.0000, 0.0000,
0.0000

■ 39.0018, 35.2474,
63.1403

■ 39.0018, 35.2474,
63.1403

■ 33.2566, 27.7874,
62.0037

■ 45.6118, 44.0148,
64.4848

■ 28.3344, 21.5659,
61.0623

■ 53.1189, 54.1453,
66.0445

■ 24.1949, 16.5142,
60.3054

■ 61.5581, 65.6963,
67.8293

■ 20.7926, 12.5551,
59.7205

■ 70.9611, 78.7210,
69.8477

■ 18.0771, 9.6014,
59.2935

■ 81.3584, 93.2695,
72.1078

■ 15.9902, 7.5519,
59.0080

■ 86.2026, 96.2372,
72.4253

■ 14.4587, 6.2764,
58.8425

■ 88.1407, 97.2363,
72.5160

■ 14.0351, 5.9484,
58.8015

Harmonies

Analogous

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



34.4051, 35.2474, 69.9135



39.0018, 35.2474, 63.1403



42.3335, 35.2474, 49.8878

Triad

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



39.0018, 35.2474, 63.1403



37.3104, 35.2474, 19.4446



25.3690, 35.2474, 41.0006

Complementary

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



39.0018, 35.2474, 63.1403



47.9080, 56.8169, 37.7215

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.



25.9923, 35.2474, 28.7911



39.0018, 35.2474, 63.1403



32.6141, 35.2474, 18.1212

Square

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



39.0018, 35.2474, 63.1403



41.2955, 35.2474, 25.2772



28.5444, 35.2474, 21.1204



26.7558, 35.2474, 55.3678

Rectangle

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



39.0018, 35.2474, 63.1403



43.2334, 35.2474, 40.3089



28.5444, 35.2474, 21.1204



25.3521, 35.2474, 36.5106

Sweetspot

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



39.0029, 35.2488, 63.1411



84.2681, 85.2883, 106.6286



41.6216, 46.4714, 65.1692



17.6266, 17.6992, 22.7372



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.



39.0029, 35.2488, 63.1411



57.7186, 49.9674, 101.2103



45.4311, 38.5627, 63.4419



10.9805, 11.0392, 14.1224



8.7399, 3.7131, 36.2123



0.5336, 0.2342, 1.8720

Inverse Universe

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



45.3842, 38.8016, 51.5531



69.8958, 56.7549, 78.7399



42.0061, 53.7744, 37.4453



11.5077, 11.3318, 13.2082



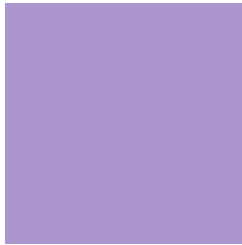
18.2480, 9.1098, 14.2905



0.9770, 0.4842, 0.9248

Previews

White Background



This preview shows how the XYZ color 39.0018, 35.2474, 63.1403 looks on a white background.

Color Contrast Check

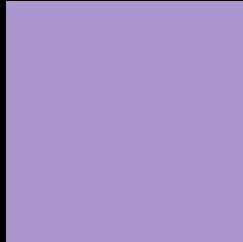
Large Text (above 18pt) WCAG AA × Fail

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 39.0018, 35.2474, 63.1403 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 39.0018, 35.2474, 63.1403

Background



This preview shows how black text looks on a background with the XYZ color 39.0018, 35.2474, 63.1403.



This preview shows how white text looks on a background with the XYZ color 39.0018, 35.2474,

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

39.0018, 35.2474, 63.1403

Protanopia

35.8388, 35.2679, 66.5465

Deuteranopia

36.0253, 35.1971, 62.6526



Tritanopia

34.9996, 35.3553, 43.0098

Trichromacy



Original Color

39.0018, 35.2474, 63.1403

Protanomaly

36.7475, 35.0147, 65.1433

Deuteranomaly

37.0389, 35.2214, 62.6039

Tritanomaly

36.2049, 35.0771, 49.6621

Monochromacy



Original Color

39.0018, 35.2474, 63.1403

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.2607, 36.1579, 47.7159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0018, 35.2474, 63.1403 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(171, 151, 206)` looks like.

```
.text, #text, p{  
    color:rgb(171, 151, 206)  
}
```

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(171, 151, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 151, 206) }
```

Border

The CSS property to change the border of an element to XYZ 39.0018, 35.2474, 63.1403 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(171, 151, 206) }
```


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

```
.border{ border-color:rgb(171, 151, 206) }
```

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

Here you see how a box with a 4 pixel rgb(171, 151, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 151, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 151, 206);  
box-shadow:4px 4px 4px 4px rgb(171, 151,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0018, 35.2474, 63.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 151, 206) }
```

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

```
.background{ background-color: rgb(171,  
151, 206) }
```

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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