

Converting Colors

XYZ(39.4223, 36.9816, 53.4088)

Have a look what the booklet for
XYZ(39.4223, 36.9816, 53.4088)
contains.

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Color

**XYZ(39.4339, 36.9160,
53.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	B29CBD
RGB	178, 156, 189
RGB Percent	70%, 61%, 74%
CMY	0.3020, 0.3882, 0.2588
CMYK	0.06, 0.17, 0.00, 0.26
HSL	280°, 20%, 68%
HSV	280°, 17%, 74%
XYZ	39.4339, 36.9160, 53.1912
YIQ	166.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

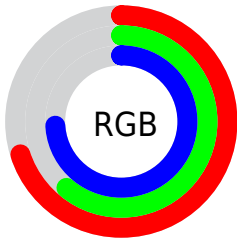
Format	Color
R _Y B	178, 156, 189
Decimal	11705533
CIE Lab	67.21, 14.24, -14.04
CIE LCh	67, 19.998, 315.394
Yxy	36.9160, 0.3044, 0.2850
Android (android.graphics.Color)	4289895613 (0xFFB29CBD)
YUV	166.3400, 11.1714, 10.2258
Hunter-Lab	60.7585, 9.5238, -9.3746

Details

The XYZ color **39.4339, 36.9160, 53.1912** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.1359, 47.0119, 38.4130**, and the grayscale version is **36.3577, 38.2511, 41.6555**.

A 20% lighter version of the original color is **73.7074, 70.6735, 96.1428**, and **17.9530, 16.2407, 25.4811** is the 20% darker color. If you saturate the color by 10%, you get **35.0937, 30.3319, 52.1497**, and if you desaturate by 10%, it is **44.3363, 44.5244, 54.4019**.

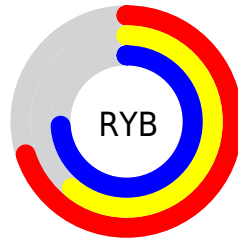
Distribution



Red (70%)

Green (61%)

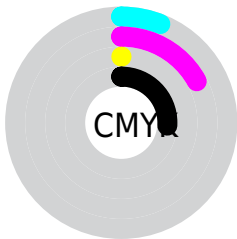
Blue (74%)



Red (70%)

Yellow (61%)

Blue (74%)

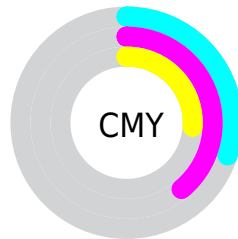


Cyan (6%)

Magenta (17%)

Yellow (0%)

Black (26%)



Cyan (30%)

Magenta (39%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4339, 36.9160, 53.1912 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 39.4339, 36.9160, 53.1912 by changing the saturation by 10% instead.

■ 39.4339, 36.9160,
53.1912

■ 39.4339, 36.9160,
53.1912

334.9072,
332.9467, 416.1053

■ 27.2797, 25.1425,
37.5667

■ 73.5905, 70.4436,
96.3301

■ 17.9211, 16.1832,
25.3473

■ 96.3237, 92.9664,
124.6814

■ 10.9927, 9.6539,
16.1146

123.3138,
119.8411, 158.1122

■ 6.1292, 5.1701,
9.4501

154.9263,
151.4521, 197.0409

■ 2.9652, 2.3474,
4.9351

191.5266,
188.1837, 241.8860

■ 1.1354, 0.7986,
2.1512

233.4799,

■ 0.0544, 0.0000,

230.4205, 293.0660

0.6460

281.1517,
278.5467, 350.9997

■ 0.0000, 0.0000,
0.0000

■ 39.4339, 36.9160,
53.1912

■ 39.4339, 36.9160,
53.1912

■ 35.0937, 30.3319,
52.1497

■ 44.3363, 44.5244,
54.4019

■ 31.2886, 24.7215,
51.2673

■ 49.8195, 53.1954,
55.7866

■ 27.9942, 20.0368,
50.5367

■ 55.9056, 62.9711,
57.3527

■ 25.1831, 16.2237,
49.9489

■ 62.6145, 73.8898,
59.1067

■ 22.8245, 13.2227,
49.4939

■ 69.9648, 85.9879,
61.0544

■ 20.8840, 10.9661,
49.1606

■ 73.2060, 89.7630,
61.6123

■ 19.3217, 9.3754,
48.9359

■ 75.1011, 90.7400,
61.7010

■ 18.0797, 8.3367,
48.8009

■ 77.0683, 91.7541,
61.7930

■ 17.7895, 8.1098,
48.7724

■ 79.1084, 92.8058,
61.8885

Harmonies

Analogous

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



36.6686, 36.9160, 58.6753



39.4339, 36.9160, 53.1912



41.0786, 36.9160, 44.5845

Triad

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



39.4339, 36.9160, 53.1912



36.5884, 36.9160, 26.0258



29.7280, 36.9160, 44.8240

Complementary

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



39.4339, 36.9160, 53.1912



40.1359, 47.0119, 38.4130

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.



29.7093, 36.9160, 36.1040



39.4339, 36.9160, 53.1912



33.5526, 36.9160, 26.0705

Square

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



39.4339, 36.9160, 53.1912



39.3723, 36.9160, 29.3771



31.0729, 36.9160, 29.5099



31.1255, 36.9160, 53.3884

Rectangle

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



39.4339, 36.9160, 53.1912



41.2607, 36.9160, 38.6359



31.0729, 36.9160, 29.5099



29.5630, 36.9160, 41.7960

Sweetspot

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



39.4350, 36.9176, 53.1920



81.6455, 83.2609, 97.9940



36.8167, 38.5829, 53.6515



17.4139, 17.6790, 21.0371



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.4350, 36.9176, 53.1920



67.4960, 61.3329, 94.5072



41.5327, 38.0600, 50.5330



9.6126, 9.5327, 12.0056



12.0529, 5.4996, 32.8192



0.5388, 0.2498, 1.2887

Inverse Universe

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



39.8509, 37.3873, 41.6768



68.4420, 62.3695, 69.7496



38.3378, 46.0355, 40.5618



9.6578, 9.5874, 10.5871



14.7560, 7.5335, 4.0086



0.6090, 0.3075, 0.3202

Previews

White Background



This preview shows how the XYZ color 39.4339, 36.9160, 53.1912 looks on a white background.

Color Contrast Check

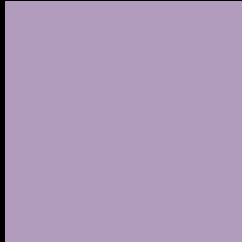
Large Text (above 18pt) WCAG AA × Fail

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 39.4339, 36.9160, 53.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

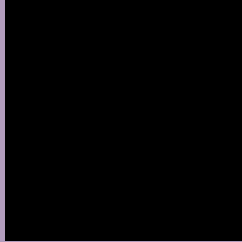
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4339, 36.9160, 53.1912

Background



This preview shows how black text looks on a background with the XYZ color 39.4339, 36.9160, 53.1912.



This preview shows how white text looks on a background with the XYZ color 39.4339, 36.9160,

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

39.4339, 36.9160, 53.1912

Protanopia

36.6465, 36.9600, 55.6546

Deuteranopia

37.7964, 37.0973, 52.7454



Tritanopia

37.5237, 36.8888, 44.1723

Trichromacy



Original Color

39.4339, 36.9160, 53.1912

Protanomaly

37.6023, 36.9467, 55.0187

Deuteranomaly

38.4885, 37.1978, 52.7283

Tritanomaly

38.1672, 36.8982, 47.2299

Monochromacy



Original Color

39.4339, 36.9160, 53.1912

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.1379, 37.4427, 45.3142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4339, 36.9160, 53.1912 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(178, 156, 189)` looks like.

```
.text, #text, p{  
    color:rgb(178, 156, 189)  
}
```

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(178, 156, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 156, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.4339, 36.9160, 53.1912 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(178, 156, 189) }
```


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

```
.border{ border-color:rgb(178, 156, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 156, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 156, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 156, 189);  
box-shadow:4px 4px 4px 4px rgb(178, 156,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4339, 36.9160, 53.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 156, 189) }
```

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

```
.background{ background-color: rgb(178,  
156, 189) }
```

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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