

Converting Colors

XYZ(43.4123, 38.8425, 66.6352)

Have a look what the booklet for
XYZ(43.4123, 38.8425, 66.6352)
contains.

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Color

**XYZ(43.5820, 39.0074,
66.8602)**

Conversions

Conversions Part 1

Format	Color
Hex	B89DD3
RGB	184, 157, 211
RGB Percent	72%, 62%, 83%
CMY	0.2784, 0.3843, 0.1725
CMYK	0.13, 0.26, 0.00, 0.17
HSL	270°, 38%, 72%
HSV	270°, 26%, 83%
XYZ	43.5820, 39.0074, 66.8602
YIQ	171.2290, -1.2420, 22.5180

Conversions

Conversions Part 2

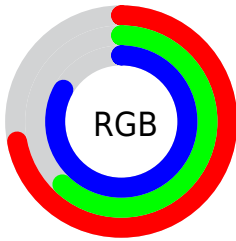
Format	Color
RYB	184, 157, 211
Decimal	12099027
CIELab	68.76, 20.23, -23.86
CIElCh	69, 31.283, 310.292
Yxy	39.0074, 0.2916, 0.2610
Android (android.graphics.Color)	4290289107 (0xFFB89DD3)
YUV	171.2290, 19.6071, 11.2002
Hunter-Lab	62.4559, 15.2602, -19.7519

Details

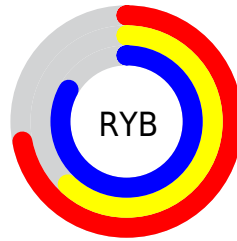
The XYZ color **43.5820, 39.0074, 66.8602** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1485, 59.2142, 40.7391**, and the grayscale version is **38.7298, 40.7467, 44.3732**.

A 20% lighter version of the original color is **77.5287, 72.8322, 104.5796**, and **20.3607, 17.4542, 33.7484** is the 20% darker color. If you saturate the color by 10%, you get **37.8823, 31.2202, 65.6582**, and if you desaturate by 10%, it is **50.0892, 48.1279, 68.2783**.

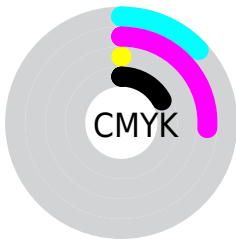
Distribution



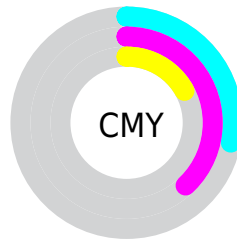
- Red (72%)
- Green (62%)
- Blue (83%)



- Red (72%)
- Yellow (62%)
- Blue (83%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)





- Cyan (28%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5820, 39.0074, 66.8602 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 43.5820, 39.0074, 66.8602 by changing the saturation by 10% instead.


 43.5820, 39.0074,
66.8602


 43.5820, 39.0074,
66.8602


351.8809,
341.9220, 467.9349

 30.5385, 26.7655,
48.5101


 79.8386, 73.6496,
116.3588

 20.3978, 17.3972,
33.8682


 103.7825, 96.8187,
148.3445

 12.7945, 10.5181,
22.5158


132.0906,
124.3990, 185.7124

 7.3632, 5.7438,
14.0345

165.1281,
156.7749, 228.8811

 3.7386, 2.6899,
8.0056

203.2606,
194.3307, 278.2692

 1.5553, 0.9721,
4.0107

246.8533,

 0.3630, 0.0000,

237.4509, 334.2951

1.6312

296.2716,
286.5198, 397.3775

■ 0.0000, 0.0000,
0.3130

■ 0.0000, 0.0000,
0.0000

■ 43.5820, 39.0074,
66.8602

■ 43.5820, 39.0074,
66.8602

■ 37.8823, 31.2202,
65.6582

■ 50.0892, 48.1279,
68.2783

■ 32.9505, 24.6961,
64.6588

■ 57.4335, 58.6377,
69.9198

■ 28.7491, 19.3653,
63.8513

■ 65.6475, 70.5955,
71.7950

■ 25.2358, 15.1495,
63.2227

■ 74.7608, 84.0549,
73.9126

■ 22.3629, 11.9604,
62.7586

■ 82.3607, 94.1852,
75.4674

■ 20.0758, 9.6956,
62.4420

■ 85.9828, 96.0525,
75.6369

■ 18.3081, 8.2298,
62.2522

■ 88.7580, 97.4832,
75.7667

■ 17.6425, 7.7367,
62.1921

Harmonies

Analogous

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



38.8033, 39.0074, 75.3602



43.5820, 39.0074, 66.8602



46.7840, 39.0074, 52.3508

Triad

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



43.5820, 39.0074, 66.8602



40.3808, 39.0074, 21.6208



28.4717, 39.0074, 47.5348

Complementary

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



43.5820, 39.0074, 66.8602



49.1485, 59.2142, 40.7391

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.



28.8123, 39.0074, 33.9222



43.5820, 39.0074, 66.8602



35.3995, 39.0074, 20.8904

Square

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



43.5820, 39.0074, 66.8602



44.8249, 39.0074, 27.1621



31.2509, 39.0074, 24.8792



30.2748, 39.0074, 62.6668

Rectangle

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



43.5820, 39.0074, 66.8602



47.4384, 39.0074, 42.3334



31.2509, 39.0074, 24.8792



28.3434, 39.0074, 42.6118

Sweetspot

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



43.5832, 39.0090, 66.8611



85.2303, 85.7844, 106.6737



42.9919, 46.5288, 68.3437



17.8684, 17.8239, 22.7485



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.



43.5832, 39.0090, 66.8611



61.7294, 52.7701, 101.5399



50.4227, 42.5349, 67.1811



11.7188, 11.7039, 14.8851



10.7653, 4.7300, 37.5381



0.6934, 0.3117, 2.1032

Inverse Universe

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



47.5739, 41.4251, 50.8374



69.0825, 57.2219, 72.0148



43.4623, 56.2828, 40.4730



12.0517, 11.9054, 13.5482



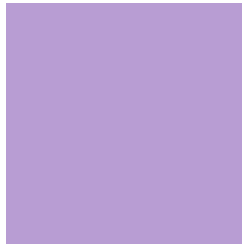
17.8186, 9.0003, 9.2167



1.0364, 0.5193, 0.7263

Previews

White Background



This preview shows how the XYZ color 43.5820, 39.0074, 66.8602 looks on a white background.

Color Contrast Check

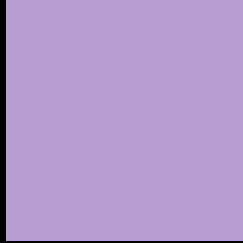
Large Text (above 18pt) WCAG AA × Fail

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 43.5820, 39.0074, 66.8602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

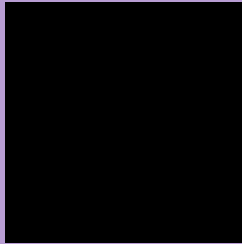
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5820, 39.0074, 66.8602

Background



This preview shows how black text looks on a background with the XYZ color 43.5820, 39.0074, 66.8602.



This preview shows how white text looks on a background with the XYZ color 43.5820, 39.0074,

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

43.5820, 39.0074, 66.8602

Protanopia

39.4870, 39.1522, 71.1216

Deuteranopia

40.1922, 39.3499, 66.4497



Tritanopia

39.2938, 38.7940, 46.4913

Trichromacy



Original Color

43.5820, 39.0074, 66.8602

Protanomaly

40.8800, 39.1000, 69.6824

Deuteranomaly

41.3478, 39.1517, 66.3505

Tritanomaly

40.7526, 38.8672, 53.4983

Monochromacy



Original Color

43.5820, 39.0074, 66.8602

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.4036, 40.0477, 52.0549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5820, 39.0074, 66.8602 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(184, 157, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 211)  
}
```

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(184, 157, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 211) }
```

Border

The CSS property to change the border of an element to XYZ 43.5820, 39.0074, 66.8602 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(184, 157, 211) }
```


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

```
.border{ border-color:rgb(184, 157, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 157, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 211);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5820, 39.0074, 66.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 211) }
```

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

```
.background{ background-color: rgb(184,  
157, 211) }
```

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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