

Converting Colors

XYZ(39.7326, 34.0013, 54.6843)

Have a look what the booklet for
XYZ(39.7326, 34.0013, 54.6843)
contains.

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Color

**XYZ(39.6978, 33.9343,
54.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8FC1
RGB	186, 143, 193
RGB Percent	73%, 56%, 76%
CMY	0.2706, 0.4392, 0.2431
CMYK	0.04, 0.26, 0.00, 0.24
HSL	292°, 29%, 66%
HSV	292°, 26%, 76%
XYZ	39.6978, 33.9343, 54.9097
YIQ	161.5570, 9.5780, 24.6660

Conversions

Conversions Part 2

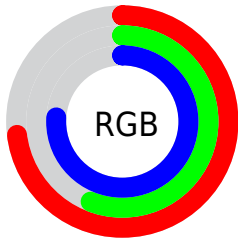
Format	Color
R _Y B	186, 143, 193
Decimal	12226497
CIE _{Lab}	64.91, 25.00, -19.69
CIE _{LCh}	65, 31.822, 321.768
Y _{xy}	33.9343, 0.3088, 0.2640
Android (android.graphics.Color)	4290416577 (0xFFBA8FC1)
YUV	161.5570, 15.5014, 21.4365
Hunter-Lab	58.2532, 19.6994, -15.1098

Details

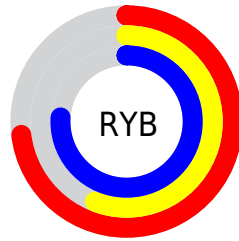
The XYZ color **39.6978, 33.9343, 54.9097** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.6067, 46.6079, 33.0551**, and the grayscale version is **34.0633, 35.8373, 39.0268**.

A 20% lighter version of the original color is **74.1837, 65.8893, 99.2505**, and **18.0031, 14.4239, 26.2613** is the 20% darker color. If you saturate the color by 10%, you get **36.3961, 28.2956, 53.9958**, and if you desaturate by 10%, it is **43.5125, 40.5792, 55.9918**.

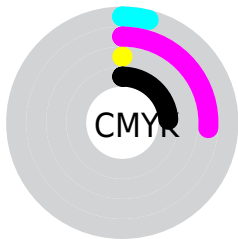
Distribution



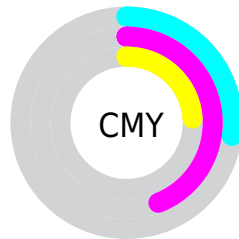
- Red (73%)
- Green (56%)
- Blue (76%)



- Red (73%)
- Yellow (56%)
- Blue (76%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6978, 33.9343, 54.9097 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 39.6978, 33.9343, 54.9097 by changing the saturation by 10% instead.

■ 39.6978, 33.9343,
54.9097

■ 39.6978, 33.9343,
54.9097

336.0045,
319.8390, 422.8418

■ 27.4862, 22.8431,
38.9313

■ 73.9904, 65.8315,
98.8785

■ 18.0772, 14.4777,
26.3989

■ 96.8020, 87.4063,
127.7059

■ 11.1054, 8.4537,
16.8938

123.8778,
113.2444, 161.6535

■ 6.2056, 4.3866,
9.9977

155.5829,
143.7303, 201.1397

■ 3.0123, 1.8921,
5.2918

192.2827,
179.2483, 246.5831

■ 1.1603, 0.5436,
2.3578

234.3427,

■ 0.0747, 0.0000,

220.1828, 298.4022

0.7633

282.1282,
266.9183, 357.0156

■ 0.0000, 0.0000,
0.0000

■ 39.6978, 33.9343,
54.9097

■ 39.6978, 33.9343,
54.9097

■ 36.3961, 28.2956,
53.9958

■ 43.5125, 40.5792,
55.9918

■ 33.5786, 23.6076,
53.2395

■ 47.8607, 48.2734,
57.2477

■ 31.2186, 19.8163,
52.6321

■ 52.7658, 57.0626,
58.6857

■ 29.2852, 16.8602,
52.1634

■ 58.2487, 66.9887,
60.3126

■ 27.7439, 14.6703,
51.8219

■ 64.3292, 78.0914,
62.1352

■ 26.5545, 13.1662,
51.5943

■ 69.8006, 87.9566,
63.7510

■ 25.6664, 12.2469,
51.4637

■ 70.5392, 88.3374,
63.7855

■ 25.3477, 11.9552,
51.4242

■ 71.2906, 88.7247,
63.8207

■ 72.0550, 89.1188,
63.8565

Harmonies

Analogous

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



35.6398, 33.9343, 65.7575



39.6978, 33.9343, 54.9097



41.8045, 33.9343, 40.6887

Triad

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



39.6978, 33.9343, 54.9097



33.5343, 33.9343, 17.1481



24.7292, 33.9343, 47.1415

Complementary

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



39.6978, 33.9343, 54.9097



36.6067, 46.6079, 33.0551

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.



24.2808, 33.9343, 33.4451



39.6978, 33.9343, 54.9097



29.0889, 33.9343, 18.0895

Square

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



39.6978, 33.9343, 54.9097



38.0317, 33.9343, 20.4330



25.8034, 33.9343, 23.4057



27.0924, 33.9343, 60.5825

Rectangle

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



39.6978, 33.9343, 54.9097



41.6921, 33.9343, 32.0279



25.8034, 33.9343, 23.4057



24.3592, 33.9343, 42.3493

Sweetspot

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



39.6989, 33.9358, 54.9104



83.9043, 83.2308, 102.0032



31.9411, 31.6641, 54.8808



17.7401, 17.3942, 21.8077



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.6989, 33.9358, 54.9104



67.6893, 54.9255, 97.3943



39.6029, 34.0987, 45.3108



10.3542, 10.1737, 12.7028



16.9098, 7.9778, 34.2052



0.7696, 0.3648, 1.4797

Inverse Universe

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



37.3209, 33.1859, 33.2942



62.7993, 53.4053, 51.9491



36.7878, 46.5360, 40.5323



10.1294, 10.1004, 10.7717



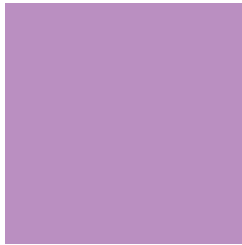
14.7771, 7.6006, 1.4723



0.6574, 0.3360, 0.1635

Previews

White Background



This preview shows how the XYZ color 39.6978, 33.9343, 54.9097 looks on a white background.

Color Contrast Check

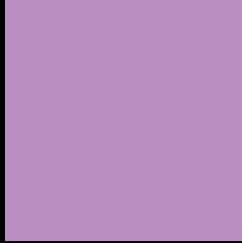
Large Text (above 18pt) WCAG AA × Fail

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 39.6978, 33.9343, 54.9097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

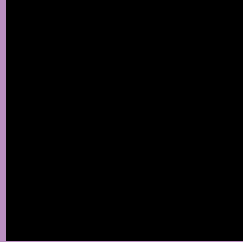
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6978, 33.9343, 54.9097

Background



This preview shows how black text looks on a background with the XYZ color 39.6978, 33.9343, 54.9097.



This preview shows how white text looks on a background with the XYZ color 39.6978, 33.9343,

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

39.6978, 33.9343, 54.9097

Protanopia

34.4032, 34.1522, 60.6559

Deuteranopia

34.8642, 34.0409, 54.0232



Tritanopia

36.2365, 33.8919, 38.3501

Trichromacy



Original Color

39.6978, 33.9343, 54.9097

Protanomaly

36.0734, 33.8338, 58.6621

Deuteranomaly

36.5692, 33.9433, 54.4935

Tritanomaly

37.5050, 33.9518, 44.1118

Monochromacy



Original Color

39.6978, 33.9343, 54.9097

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0588, 35.1177, 44.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6978, 33.9343, 54.9097 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(186, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 143, 193)  
}
```

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(186, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 143, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.6978, 33.9343, 54.9097 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(186, 143, 193) }
```


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

```
.border{ border-color:rgb(186, 143, 193) }
```

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

Here you see how a box with a 4 pixel rgb(186, 143, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 143,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6978, 33.9343, 54.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 143, 193) }
```

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

```
.background{ background-color: rgb(186,  
143, 193) }
```

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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