

Converting Colors

XYZ(43.3749, 39.2316, 44.2395)

Have a look what the booklet for
XYZ(43.3749, 39.2316, 44.2395)
contains.

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Color

**XYZ(43.4223, 39.1730,
44.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CAC
RGB	201, 156, 172
RGB Percent	79%, 61%, 67%
CMY	0.2118, 0.3882, 0.3255
CMYK	0.00, 0.22, 0.14, 0.21
HSL	339°, 29%, 70%
HSV	339°, 22%, 79%
XYZ	43.4223, 39.1730, 44.3023
YIQ	171.2790, 21.6840, 14.5160

Conversions

Conversions Part 2

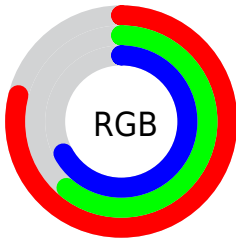
Format	Color
R _Y B	201, 156, 172
Decimal	13212844
CIE Lab	68.88, 19.24, -1.86
CIE LCh	69, 19.333, 354.471
Yxy	39.1730, 0.3422, 0.3087
Android (android.graphics.Color)	4291402924 (0xFFC99CAC)
YUV	171.2790, 0.3555, 26.0653
Hunter-Lab	62.5883, 14.3095, 1.8442

Details

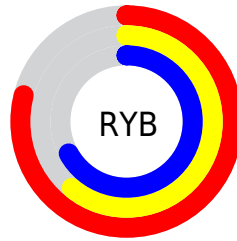
The XYZ color **43.4223, 39.1730, 44.3023** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3555, 52.3451, 53.7200**, and the grayscale version is **38.8405, 40.8632, 44.5000**.

A 20% lighter version of the original color is **78.3994, 73.3946, 82.7075**, and **20.1945, 17.3677, 20.0572** is the 20% darker color. If you saturate the color by 10%, you get **39.1404, 32.5039, 37.0331**, and if you desaturate by 10%, it is **48.3858, 47.0103, 52.3980**.

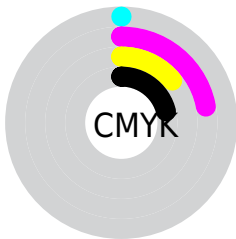
Distribution



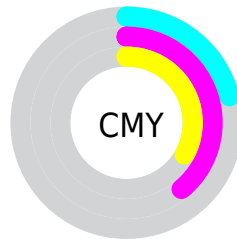
- Red (79%)
- Green (61%)
- Blue (67%)



- Red (79%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (21%)



- Cyan (21%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4223, 39.1730, 44.3023 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 43.4223, 39.1730, 44.3023 by changing the saturation by 10% instead.

43.4223, 39.1730,
44.3023

43.4223, 39.1730,
44.3023

351.2378,
342.6255, 380.0179

30.4126, 26.8943,
30.5693

79.5995, 73.9025,
82.9798

20.3016, 17.4939,
20.0154

103.4976, 97.1222,
108.7613

12.7240, 10.5872,
12.2220

131.7560,
124.7576, 139.3961

7.3144, 5.7900,
6.7707

164.7398,
157.1933, 175.3027

3.7076, 2.7178,
3.2429

202.8146,
194.8135, 216.8996

1.5381, 0.9863,
1.2199

246.3456,

0.3515, 0.0000,

238.0026, 264.6054

0.0000

295.6982,
287.1452, 318.8387

■ 0.0000, 0.0000,
0.0000

■ 43.4223, 39.1730,
44.3023

■ 43.4223, 39.1730,
44.3023

■ 39.1404, 32.5039,
37.0331

■ 48.3858, 47.0103,
52.3980

■ 35.5060, 26.9416,
30.5607

■ 54.0565, 56.0631,
61.3438

■ 32.4868, 22.4268,
24.8569

■ 60.4626, 66.3822,
71.1652

■ 30.0462, 18.8927,
19.8908

■ 67.6298, 78.0141,
81.8860

■ 28.1438, 16.2645,
15.6292

■ 75.1006, 90.0388,
93.3681

■ 26.7334, 14.4567,
12.0358

■ 77.0603, 90.8227,
103.6877

■ 25.7600, 13.3668,
9.0700

■ 77.8976, 91.1576,
108.0973

■ 25.2397, 12.8785,
7.1939

Harmonies

Analogous

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



42.2459, 39.1730, 53.2497



43.4223, 39.1730, 44.3023



42.8676, 39.1730, 36.0266

Triad

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



43.4223, 39.1730, 44.3023



34.8409, 39.1730, 29.0426



33.9069, 39.1730, 57.9421

Complementary

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



43.4223, 39.1730, 44.3023



43.3555, 52.3451, 53.7200

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.



32.1147, 39.1730, 50.0453



43.4223, 39.1730, 44.3023



32.6327, 39.1730, 33.5641

Square

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



43.4223, 39.1730, 44.3023



37.8044, 39.1730, 27.9424



31.6613, 39.1730, 41.0446



36.6669, 39.1730, 61.7881

Rectangle

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



43.4223, 39.1730, 44.3023



41.6057, 39.1730, 31.8725



31.6613, 39.1730, 41.0446



33.1775, 39.1730, 55.6250

Sweetspot

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



43.4234, 39.1748, 44.3031



87.8203, 88.4163, 97.6245



42.3197, 38.2481, 60.4110



18.6700, 18.7218, 20.6951



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.



43.4234, 39.1748, 44.3031



70.5416, 61.1255, 69.4633



43.0099, 40.6603, 37.0360



10.7870, 10.6982, 11.8618



15.9094, 8.1133, 4.7330



0.7878, 0.3980, 0.4057

Inverse Universe

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



43.4234, 39.1748, 44.3031



70.5416, 61.1255, 69.4633



43.7694, 50.3163, 62.6640



10.7870, 10.6982, 11.8618



15.9094, 8.1133, 4.7330



0.7878, 0.3980, 0.4057

Previews

White Background



This preview shows how the XYZ color 43.4223, 39.1730, 44.3023 looks on a white background.

Color Contrast Check

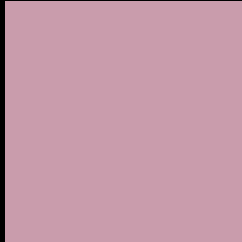
Large Text (above 18pt) WCAG AA × Fail

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 43.4223, 39.1730, 44.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

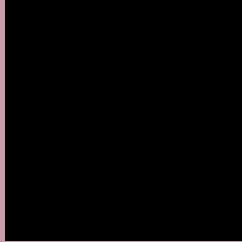
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4223, 39.1730, 44.3023

Background



This preview shows how black text looks on a background with the XYZ color 43.4223, 39.1730, 44.3023.



This preview shows how white text looks on a background with the XYZ color 43.4223, 39.1730,

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

43.4223, 39.1730, 44.3023

Protanopia

38.1038, 39.2169, 48.2092

Deuteranopia

39.9763, 39.2019, 43.9878



Tritanopia

43.3058, 39.3960, 42.8578

Trichromacy



Original Color

43.4223, 39.1730, 44.3023

Protanomaly

39.7561, 39.0323, 46.5129

Deuteranomaly

41.1567, 39.0290, 43.8922

Tritanomaly

43.4001, 39.4337, 43.3542

Monochromacy



Original Color

43.4223, 39.1730, 44.3023

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.2783, 40.1578, 44.1564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4223, 39.1730, 44.3023 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(201, 156, 172)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 172)  
}
```

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(201, 156, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.4223, 39.1730, 44.3023 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(201, 156, 172) }
```


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

```
.border{ border-color:rgb(201, 156, 172) }
```

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

Here you see how a box with a 4 pixel rgb(201, 156, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 172);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4223, 39.1730, 44.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 172) }
```

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

```
.background{ background-color: rgb(201,  
156, 172) }
```

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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