

Converting Colors

XYZ(39.9850, 34.3022, 42.9667)

Have a look what the booklet for
XYZ(39.9850, 34.3022, 42.9667)
contains.

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Color

**XYZ(39.9381, 34.3210,
43.0477)**

Conversions

Conversions Part 1

Format	Color
Hex	C48FAB
RGB	196, 143, 171
RGB Percent	77%, 56%, 67%
CMY	0.2314, 0.4392, 0.3294
CMYK	0.00, 0.27, 0.13, 0.23
HSL	328°, 31%, 66%
HSV	328°, 27%, 77%
XYZ	39.9381, 34.3210, 43.0477
YIQ	162.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

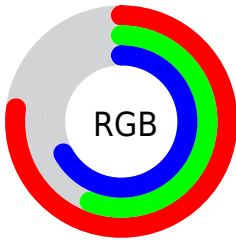
Format	Color
RYB	196, 143, 171
Decimal	12881835
CIELab	65.22, 24.43, -6.76
CIELCh	65, 25.348, 344.532
Yxy	34.3210, 0.3405, 0.2926
Android (android.graphics.Color)	4291071915 (0xFFC48FAB)
YUV	162.0390, 4.4178, 29.7838
Hunter-Lab	58.5841, 19.1652, -2.5575

Details

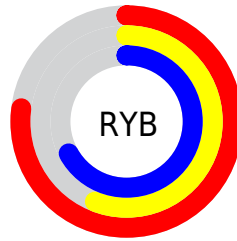
The XYZ color **39.9381, 34.3210, 43.0477** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.1369, 48.1476, 44.3315**, and the grayscale version is **34.3343, 36.1224, 39.3373**.

A 20% lighter version of the original color is **74.2017, 66.3061, 80.8390**, and **18.1414, 14.6489, 19.3241** is the 20% darker color. If you saturate the color by 10%, you get **36.3982, 28.6024, 37.6707**, and if you desaturate by 10%, it is **44.0557, 41.0955, 48.9222**.

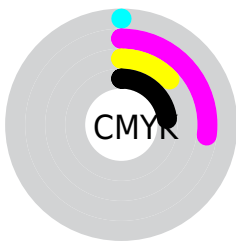
Distribution



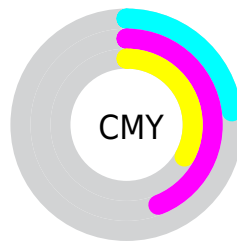
- Red (77%)
- Green (56%)
- Blue (67%)



- Red (77%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (23%)





- Cyan (23%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9381, 34.3210, 43.0477 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 39.9381, 34.3210, 43.0477 by changing the saturation by 10% instead.


 39.9381, 34.3210,
43.0477

 39.9381, 34.3210,
43.0477


337.0015,
321.5610, 374.7349

 27.6743, 23.1403,
29.5909


 74.3542, 66.4325,
81.0700

 18.2195, 14.6971,
19.2788


 97.2372, 88.1322,
106.4725

 11.2083, 8.6071,
11.6931


124.3906,
114.1069, 136.6940

 6.2755, 4.4858,
6.4151

156.1798,
144.7412, 172.1530

 3.0555, 1.9489,
3.0262

192.9701,
180.4193, 213.2680

 1.1832, 0.5775,
1.1080

235.1269,

 0.0930, 0.0000,

221.5257, 260.4576

0.0000

283.0156,
268.4448, 314.1404

■ 0.0000, 0.0000,
0.0000

■ 39.9381, 34.3210,
43.0477

■ 39.9381, 34.3210,
43.0477

■ 36.3982, 28.6024,
37.6707

■ 44.0557, 41.0955,
48.9222

■ 33.4051, 23.8809,
32.7736

■ 48.7740, 48.9714,
55.3068

■ 30.9292, 20.0995,
28.3406

■ 54.1185, 57.9969,
62.2162

■ 28.9371, 17.1929,
24.3539

■ 60.1120, 68.2163,
69.6635

■ 27.3907, 15.0878,
20.7940

■ 66.7764, 79.6713,
77.6618

■ 26.2463, 13.6985,
17.6392

■ 72.3181, 88.7731,
85.6183

■ 25.4442, 12.9083,
14.8624

■ 73.6252, 89.2959,
92.5012

■ 25.2406, 12.7260,
14.1008

■ 75.0018, 89.8465,
99.7503

■ 76.4489, 90.4254,
107.3709

Harmonies

Analogous

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



37.8472, 34.3210, 53.7835



39.9381, 34.3210, 43.0477



39.9724, 34.3210, 32.5055

Triad

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



39.9381, 34.3210, 43.0477



30.8752, 34.3210, 20.9663



27.8260, 34.3210, 53.4851

Complementary

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



39.9381, 34.3210, 43.0477



38.1369, 48.1476, 44.3315

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.



26.2313, 34.3210, 42.6966



39.9381, 34.3210, 43.0477



27.8997, 34.3210, 24.6895

Square

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



39.9381, 34.3210, 43.0477



34.5477, 34.3210, 21.0248



26.2572, 34.3210, 32.2144



30.7675, 34.3210, 60.5392

Rectangle

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



39.9381, 34.3210, 43.0477



38.8138, 34.3210, 27.0060



26.2572, 34.3210, 32.2144



27.1248, 34.3210, 50.0944

Sweetspot

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



39.9391, 34.3226, 43.0484



87.3729, 87.0635, 98.8879



35.8794, 31.9279, 56.4966



18.4104, 18.1475, 20.7781



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.



39.9391, 34.3226, 43.0484



68.7207, 56.2849, 72.5518



37.6815, 33.4195, 31.1603



10.2905, 10.1648, 11.6204



16.2619, 8.1945, 9.2911



0.7372, 0.3679, 0.5837

Inverse Universe

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



39.9391, 34.3226, 43.0484



68.7207, 56.2849, 72.5518



40.8326, 49.2258, 58.5264



10.2905, 10.1648, 11.6204



16.2619, 8.1945, 9.2911



0.7372, 0.3679, 0.5837

Previews

White Background



This preview shows how the XYZ color 39.9381, 34.3210, 43.0477 looks on a white background.

Color Contrast Check

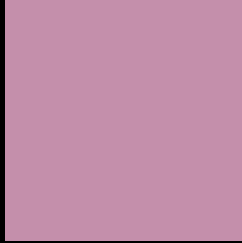
Large Text (above 18pt) WCAG AA × Fail

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 39.9381, 34.3210, 43.0477 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 39.9381, 34.3210, 43.0477

Background



This preview shows how black text looks on a background with the XYZ color 39.9381, 34.3210, 43.0477.



This preview shows how white text looks on a background with the XYZ color 39.9381, 34.3210,

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

39.9381, 34.3210, 43.0477

Protanopia

33.8128, 34.3778, 48.0335

Deuteranopia

35.0792, 34.4108, 42.3292



Tritanopia

38.4593, 34.1545, 36.4637

Trichromacy



Original Color

39.9381, 34.3210, 43.0477

Protanomaly

35.7416, 34.1768, 46.3080

Deuteranomaly

36.7525, 34.2987, 42.7135

Tritanomaly

39.0005, 34.1573, 38.7199

Monochromacy



Original Color

39.9381, 34.3210, 43.0477

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.9684, 35.1580, 40.4877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9381, 34.3210, 43.0477 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(196, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 143, 171)  
}
```

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(196, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 143, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.9381, 34.3210, 43.0477 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(196, 143, 171) }
```


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

```
.border{ border-color:rgb(196, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 143, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 143, 171); box-shadow:4px 4px 4px 4px rgb(196, 143, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9381, 34.3210, 43.0477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 143, 171) }
```

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

```
.background{ background-color: rgb(196,  
143, 171) }
```

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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