

Converting Colors

XYZ(43.1009, 34.5335, 57.8201)

Have a look what the booklet for
XYZ(43.1009, 34.5335, 57.8201)
contains.

XYZ(43.1009, 34.5335, 57.8201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1009, 34.5335,
57.8201)**

Conversions

Conversions Part 1

Format	Color
Hex	C88AC6
RGB	200, 138, 198
RGB Percent	78%, 54%, 78%
CMY	0.2157, 0.4588, 0.2235
CMYK	0.00, 0.31, 0.01, 0.22
HSL	302°, 36%, 66%
HSV	302°, 31%, 78%
XYZ	43.1009, 34.5335, 57.8201
YIQ	163.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

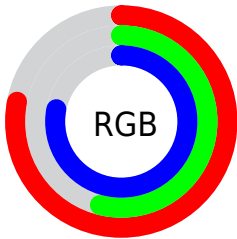
Format	Color
R _Y B	200, 138, 198
Decimal	13142726
CIE Lab	65.38, 33.34, -21.64
CIE LCh	65, 39.752, 327.016
Yxy	34.5335, 0.3182, 0.2549
Android (android.graphics.Color)	4291332806 (0xFFC88AC6)
YUV	163.3780, 17.0686, 32.1175
Hunter-Lab	58.7652, 28.0804, -17.2008

Details

The XYZ color **43.1009, 34.5335, 57.8201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.8705, 48.6063, 32.3042**, and the grayscale version is **34.9082, 36.7262, 39.9948**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **20.1193, 14.8497, 28.1914** is the 20% darker color. If you saturate the color by 10%, you get **40.4175, 29.2850, 56.5596**, and if you desaturate by 10%, it is **46.3151, 40.8419, 59.2599**.

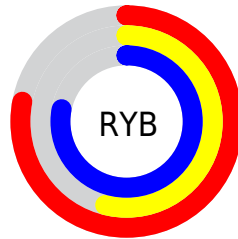
Distribution



Red (78%)

Green (54%)

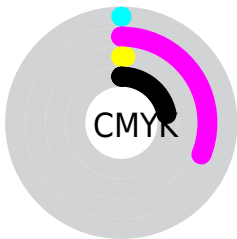
Blue (78%)



Red (78%)

Yellow (54%)

Blue (78%)

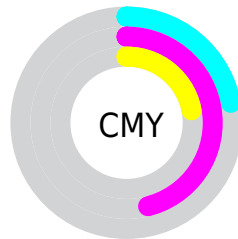


Cyan (0%)

Magenta (31%)

Yellow (1%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1009, 34.5335, 57.8201 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 43.1009, 34.5335, 57.8201 by changing the saturation by 10% instead.


 43.1009, 34.5335,
57.8201


 43.1009, 34.5335,
57.8201

349.9410,
322.5044, 434.0948


 30.1592, 23.3037,
41.2503


 79.1179, 66.7625,
103.1730

 20.1081, 14.8180,
28.1935

 102.9238, 88.5304,
132.7932

 12.5824, 8.6917,
18.2313


 131.0818,
114.5800, 167.6006

 7.2166, 4.5407,
10.9450

163.9573,
145.2954, 208.0138

 3.6455, 1.9804,
5.9162

201.9156,
181.0612, 254.4513

 1.5036, 0.5960,
2.7262

245.3221,

 0.3283, 0.0000,

222.2617, 307.3315

0.9566

294.5421,
269.2813, 367.0732

■ 0.0000, 0.0000,
0.0000

■ 43.1009, 34.5335,
57.8201

■ 43.1009, 34.5335,
57.8201

■ 40.4175, 29.2850,
56.5596

■ 46.3151, 40.8419,
59.2599

■ 38.2327, 25.0336,
55.4664

■ 50.0837, 48.2593,
60.8857

■ 36.5156, 21.7174,
54.5307

■ 54.4328, 56.8371,
62.7066

■ 35.2309, 19.2652,
53.7407

■ 59.3859, 66.6223,
64.7303

■ 34.3378, 17.5959,
53.0828

■ 64.9651, 77.6593,
66.9643

■ 33.7882, 16.6131,
52.5409

■ 70.2253, 88.0577,
69.0936

■ 33.5067, 16.1543,
52.1255

■ 70.3018, 88.0884,
69.4966

■ 70.3787, 88.1191,
69.9012

■ 70.4558, 88.1500,
70.3075

Harmonies

Analogous

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



38.1570, 34.5335, 73.8611



43.1009, 34.5335, 57.8201



45.2750, 34.5335, 39.2896

Triad

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



43.1009, 34.5335, 57.8201



33.4074, 34.5335, 13.8648



23.8520, 34.5335, 54.0652

Complementary

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



43.1009, 34.5335, 57.8201



35.8705, 48.6063, 32.3042

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.



22.8932, 34.5335, 35.9617



43.1009, 34.5335, 57.8201



28.0109, 34.5335, 15.7120

Square

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



43.1009, 34.5335, 57.8201



39.2803, 34.5335, 16.6605



24.3246, 34.5335, 22.7487



27.1153, 34.5335, 71.2820

Rectangle

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



43.1009, 34.5335, 57.8201



44.6910, 34.5335, 29.0033



24.3246, 34.5335, 22.7487



23.2675, 34.5335, 47.7495

Sweetspot

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



43.1020, 34.5350, 57.8208



88.0417, 86.1738, 105.9769



30.1684, 27.8406, 58.4280



18.6192, 18.0006, 22.5880



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.



43.1020, 34.5350, 57.8208



71.4875, 53.6531, 98.6471



39.9739, 33.2838, 41.3485



11.0678, 10.8105, 13.3401



21.3112, 10.2740, 33.1781



1.0138, 0.4884, 1.5960

Inverse Universe

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



43.1020, 34.5350, 57.8208



71.4875, 53.6531, 98.6471



38.3956, 49.6164, 45.6014



11.0678, 10.8105, 13.3401



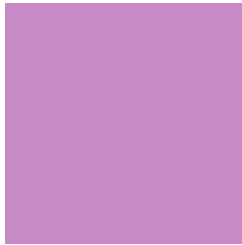
21.3112, 10.2740, 33.1781



1.0138, 0.4884, 1.5960

Previews

White Background



This preview shows how the XYZ color 43.1009, 34.5335, 57.8201 looks on a white background.

Color Contrast Check

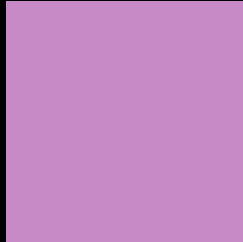
Large Text (above 18pt) WCAG AA × Fail

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 43.1009, 34.5335, 57.8201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

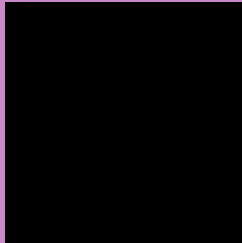
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1009, 34.5335, 57.8201

Background



This preview shows how black text looks on a background with the XYZ color 43.1009, 34.5335, 57.8201.



This preview shows how white text looks on a background with the XYZ color 43.1009, 34.5335,

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

43.1009, 34.5335, 57.8201

Protanopia

35.4422, 34.7967, 67.1358

Deuteranopia

35.6434, 34.8852, 56.4847



Tritanopia

38.8704, 34.5942, 36.5269

Trichromacy



Original Color

43.1009, 34.5335, 57.8201

Protanomaly

37.4787, 34.2102, 63.6594

Deuteranomaly

37.9448, 34.3647, 56.8577

Tritanomaly

40.2948, 34.4938, 43.5639

Monochromacy



Original Color

43.1009, 34.5335, 57.8201

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.2966, 35.4759, 45.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1009, 34.5335, 57.8201 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(200, 138, 198)` looks like.

```
.text, #text, p{  
    color:rgb(200, 138, 198)  
}
```

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(200, 138, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 138, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.1009, 34.5335, 57.8201 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(200, 138, 198) }
```


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

```
.border{ border-color:rgb(200, 138, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 138, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 138, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 138, 198);  
box-shadow:4px 4px 4px 4px rgb(200, 138,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1009, 34.5335, 57.8201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 138, 198) }
```

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

```
.background{ background-color: rgb(200,  
138, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor