

Converting Colors

XYZ(43.0898, 34.7792, 58.4139)

Have a look what the booklet for
XYZ(43.0898, 34.7792, 58.4139)
contains.

XYZ(43.0946, 34.7309, 58.4652)	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(43.0946, 34.7309,
58.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	C78BC7
RGB	199, 139, 199
RGB Percent	78%, 55%, 78%
CMY	0.2196, 0.4549, 0.2196
CMYK	0.00, 0.30, 0.00, 0.22
HSL	300°, 35%, 66%
HSV	300°, 30%, 78%
XYZ	43.0946, 34.7309, 58.4652
YIQ	163.7800, 16.5000, 31.3800

Conversions

Conversions Part 2

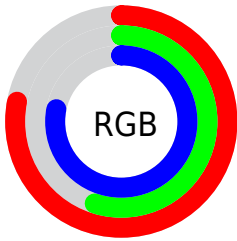
Format	Color
R _Y B	199, 139, 199
Decimal	13077447
CIE Lab	65.54, 32.66, -21.97
CIE LCh	66, 39.363, 326.065
Yxy	34.7309, 0.3162, 0.2548
Android (android.graphics.Color)	4291267527 (0xFFC78BC7)
YUV	163.7800, 17.3635, 30.8879
Hunter-Lab	58.9329, 27.3952, -17.5664

Details

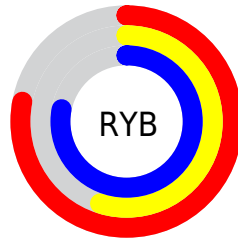
The XYZ color **43.0946, 34.7309, 58.4652** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.7325, 48.2010, 31.8485**, and the grayscale version is **35.0977, 36.9255, 40.2119**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **20.1022, 14.9531, 28.6148** is the 20% darker color. If you saturate the color by 10%, you get **40.4717, 29.4844, 57.5912**, and if you desaturate by 10%, it is **46.2442, 41.0294, 59.5155**.

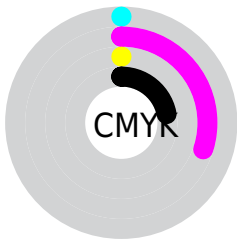
Distribution



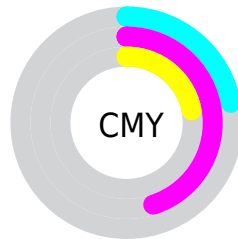
- Red (78%)
- Green (55%)
- Blue (78%)



- Red (78%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0946, 34.7309, 58.4652 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 43.0946, 34.7309, 58.4652 by changing the saturation by 10% instead.


 43.0946, 34.7309,
58.4652


 43.0946, 34.7309,
58.4652


349.9156,
323.3789, 436.5637


 30.1542, 23.4557,
41.7656

 79.1084, 67.0687,
104.1214

 20.1043, 14.9303,
28.5936


 102.9125, 88.9000,
133.9152

 12.5796, 8.7705,
18.5307


 131.0686,
115.0188, 168.9107

 7.2147, 4.5918,
11.1583

163.9420,
145.8095, 209.5265

 3.6442, 2.0098,
6.0579

201.8980,
181.6565, 256.1811

 1.5029, 0.6132,
2.8110

245.3020,

 0.3278, 0.0000,

222.9441, 309.2932

0.9989

294.5195,
270.0568, 369.2812

■ 0.0000, 0.0000,
0.0000

■ 43.0946, 34.7309,
58.4652

■ 43.0946, 34.7309,
58.4652

■ 40.4717, 29.4844,
57.5912

■ 46.2442, 41.0294,
59.5155

■ 38.3436, 25.2283,
56.8817

■ 49.9435, 48.4279,
60.7487

■ 36.6803, 21.9018,
56.3272


■ 54.2181, 56.9771,
62.1737


■ 35.4472, 19.4354,
55.9161


■ 59.0911, 66.7231,
63.7981


■ 34.6045, 17.7502,
55.6351


■ 64.5843, 77.7096,
65.6293


 34.1055, 16.7522,
55.4687

 69.6225, 87.7859,
67.3087

 33.8623, 16.2658,
55.3875

 69.6225, 87.7859,
67.3088

 69.6225, 87.7859,
67.3089

 69.6226, 87.7859,
67.3090

Harmonies

Analogous

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



38.1280, 34.7309, 74.1294



43.0946, 34.7309, 58.4652



45.3585, 34.7309, 40.0380

Triad

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



43.0946, 34.7309, 58.4652



33.7777, 34.7309, 14.1537



24.0160, 34.7309, 53.5611

Complementary

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



43.0946, 34.7309, 58.4652



35.7325, 48.2010, 31.8485

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.



23.1357, 34.7309, 35.6779



43.0946, 34.7309, 58.4652



28.3730, 34.7309, 15.8568

Square

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



43.0946, 34.7309, 58.4652



39.5977, 34.7309, 17.1096



24.6370, 34.7309, 22.7105



27.1979, 34.7309, 70.7673

Rectangle

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



43.0946, 34.7309, 58.4652



44.8573, 34.7309, 29.6891



24.6370, 34.7309, 22.7105



23.4583, 34.7309, 47.3052

Sweetspot

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



43.0957, 34.7324, 58.4659



88.1607, 86.2214, 106.6034



30.1905, 28.0795, 57.8623



18.6488, 18.0124, 22.7438



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.



43.0957, 34.7324, 58.4659



72.4226, 54.7454, 101.3570



39.9485, 33.4736, 41.8931



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6150



1.0310, 0.4952, 1.6864

Inverse Universe

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



43.0957, 34.7324, 58.4659



72.4226, 54.7454, 101.3570



38.2337, 49.2015, 45.0193



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6150



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 43.0946, 34.7309, 58.4652 looks on a white background.

Color Contrast Check

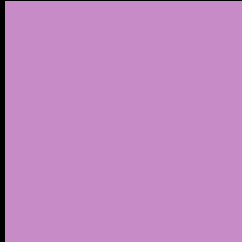
Large Text (above 18pt) WCAG AA × Fail

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 43.0946, 34.7309, 58.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

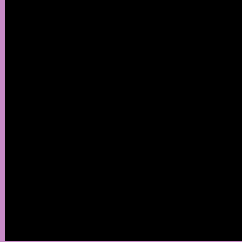
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0946, 34.7309, 58.4652

Background



This preview shows how black text looks on a background with the XYZ color 43.0946, 34.7309, 58.4652.



This preview shows how white text looks on a background with the XYZ color 43.0946, 34.7309,

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

43.0946, 34.7309, 58.4652

Protanopia

35.6121, 35.1365, 67.1924

Deuteranopia

35.7569, 34.9306, 57.0822



Tritanopia

38.5976, 34.6735, 37.0061

Trichromacy



Original Color

43.0946, 34.7309, 58.4652



Protanomaly

37.6389, 34.5307, 63.7128



Deuteranomaly

37.9976, 34.6146, 57.5019



Tritanomaly

40.0218, 34.5657, 44.0976

Monochromacy



Original Color

43.0946, 34.7309, 58.4652



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

37.7886, 35.9641, 46.5451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0946, 34.7309, 58.4652 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(199, 139, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 139, 199)  
}
```

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(199, 139, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 139, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.0946, 34.7309, 58.4652 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(199, 139, 199) }
```


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

```
.border{ border-color:rgb(199, 139, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 139, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 139, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 139, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 139,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0946, 34.7309, 58.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 139, 199) }
```

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

```
.background{ background-color: rgb(199,  
139, 199) }
```

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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