

Converting Colors

XYZ(39.4124, 34.3931, 36.9955)

Have a look what the booklet for
XYZ(39.4124, 34.3931, 36.9955)
contains.

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Color

**XYZ(39.4335, 34.4209,
36.9133)**

Conversions

Conversions Part 1

Format	Color
Hex	C6909E
RGB	198, 144, 158
RGB Percent	78%, 56%, 62%
CMY	0.2235, 0.4353, 0.3804
CMYK	0.00, 0.27, 0.20, 0.22
HSL	344°, 32%, 67%
HSV	344°, 27%, 78%
XYZ	39.4335, 34.4209, 36.9133
YIQ	161.7420, 27.6900, 15.8020

Conversions

Conversions Part 2

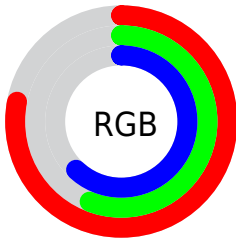
Format	Color
R_{YB}	198, 144, 158
Decimal	13013150
CIE Lab	65.30, 22.51, 0.71
CIE LCh	65, 22.518, 1.802
Yxy	34.4209, 0.3560, 0.3107
Android (android.graphics.Color)	4291203230 (0xFFC6909E)
YUV	161.7420, -1.8448, 31.7983
Hunter-Lab	58.6693, 17.3041, 3.7647

Details

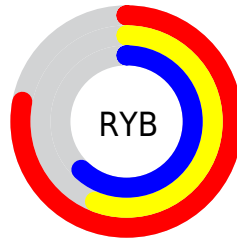
The XYZ color **39.4335, 34.4209, 36.9133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3488, 49.7790, 52.8315**, and the grayscale version is **34.2221, 36.0043, 39.2087**.

A 20% lighter version of the original color is **73.4443, 66.4523, 71.9064**, and **17.8959, 14.7299, 15.8099** is the 20% darker color. If you saturate the color by 10%, you get **35.5054, 28.4658, 29.7423**, and if you desaturate by 10%, it is **44.0402, 41.4913, 45.0548**.

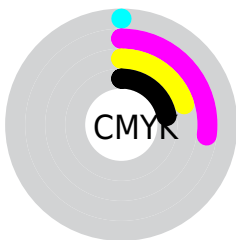
Distribution



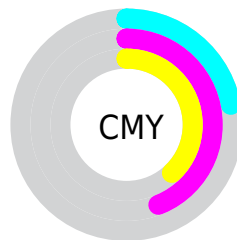
- Red (78%)
- Green (56%)
- Blue (62%)



- Red (78%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4335, 34.4209, 36.9133 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 39.4335, 34.4209, 36.9133 by changing the saturation by 10% instead.


 39.4335, 34.4209,
36.9133


 39.4335, 34.4209,
36.9133


334.9056,
322.0048, 348.0924

 27.2794, 23.2171,
24.8451


 73.5899, 66.5877,
71.6243

 17.9208, 14.7539,
15.7437


 96.3229, 88.3195,
95.1041

 10.9925, 8.6469,
9.1906


123.3130,
114.3294, 123.2249

 6.1290, 4.5116,
4.7672

154.9253,
145.0018, 156.4052

 2.9651, 1.9636,
2.0550

191.5254,
180.7212, 195.0636

 1.1353, 0.5862,
0.5888

233.4786,

 0.0544, 0.0000,

221.8719, 239.6186

0.0000

281.1502,
268.8383, 290.4886

0.0000, 0.0000,
0.0000

39.4335, 34.4209,
36.9133

39.4335, 34.4209,
36.9133

35.5054, 28.4658,
29.7423

44.0402, 41.4913,
45.0548

32.2202, 23.5643,
23.5027

49.3531, 49.7252,
54.1995

29.5434, 19.6556,
18.1558

55.4017, 59.1737,
64.3814

27.4359, 16.6712,
13.6592

62.2130, 69.8835,
75.6319

25.8537, 14.5335,
9.9668

69.8128, 81.8988,
87.9815

■ 24.7462, 13.1520,
7.0278

■ 75.6845, 90.1801,
100.6121

■ 24.0449, 12.4021,
4.7822

■ 77.0988, 90.7458,
108.0599

■ 23.8935, 12.2477,
4.2742

Harmonies

Analogous

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



38.5953, 34.4209, 46.6778



39.4335, 34.4209, 36.9133



38.3743, 34.4209, 28.7427

Triad

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



39.4335, 34.4209, 36.9133



29.5036, 34.4209, 24.1279



29.8254, 34.4209, 55.7580

Complementary

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



39.4335, 34.4209, 36.9133



40.3488, 49.7790, 52.8315

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.



27.6433, 34.4209, 47.8261



39.4335, 34.4209, 36.9133



27.4664, 34.4209, 29.5750

Square

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



39.4335, 34.4209, 36.9133



32.5181, 34.4209, 22.1684



26.8083, 34.4209, 38.0495



32.9148, 34.4209, 58.5865

Rectangle

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



39.4335, 34.4209, 36.9133



36.7732, 34.4209, 25.0000



26.8083, 34.4209, 38.0495



28.9688, 34.4209, 53.5414

Sweetspot

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



39.4345, 34.4225, 36.9140



86.5455, 86.7325, 94.5304



39.8390, 34.1665, 57.9214



18.2026, 18.0644, 19.6840



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.



39.4345, 34.4225, 36.9140



65.3626, 54.1644, 57.2647



40.3133, 37.9997, 31.5975



10.7448, 10.6813, 11.6396



15.5686, 7.9770, 2.9382



0.7678, 0.3900, 0.3005

Inverse Universe

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



39.4345, 34.4225, 36.9140



65.3626, 54.1644, 57.2647



39.1286, 44.8731, 60.0254



10.7448, 10.6813, 11.6396



15.5686, 7.9770, 2.9382



0.7678, 0.3900, 0.3005

Previews

White Background



This preview shows how the XYZ color 39.4335, 34.4209, 36.9133 looks on a white background.

Color Contrast Check

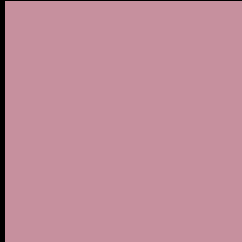
Large Text (above 18pt) WCAG AA × Fail

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 39.4335, 34.4209, 36.9133 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 39.4335, 34.4209, 36.9133

Background



This preview shows how black text looks on a background with the XYZ color 39.4335, 34.4209, 36.9133.



This preview shows how white text looks on a background with the XYZ color 39.4335, 34.4209,

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

39.4335, 34.4209, 36.9133

Protanopia

33.6070, 34.6805, 40.9991

Deuteranopia

35.2355, 34.6255, 36.2788



Tritanopia

39.2627, 34.3526, 36.0138

Trichromacy



Original Color

39.4335, 34.4209, 36.9133

Protanomaly

35.4577, 34.4255, 39.4263

Deuteranomaly

36.5206, 34.3143, 36.5968

Tritanomaly

39.3478, 34.3866, 36.4617

Monochromacy



Original Color

39.4335, 34.4209, 36.9133

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.8336, 35.1299, 38.6103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4335, 34.4209, 36.9133 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(198, 144, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 144, 158)  
}
```

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(198, 144, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 144, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.4335, 34.4209, 36.9133 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(198, 144, 158) }
```


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

```
.border{ border-color:rgb(198, 144, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 144, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 144, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 144, 158);  
box-shadow:4px 4px 4px 4px rgb(198, 144,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4335, 34.4209, 36.9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 144, 158) }
```

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

```
.background{ background-color: rgb(198,  
144, 158) }
```

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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