

Converting Colors

XYZ(43.7901, 34.9485, 39.6415)

Have a look what the booklet for
XYZ(43.7901, 34.9485, 39.6415)
contains.

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Color

**XYZ(43.8239, 34.8876,
39.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	D888A4
RGB	216, 136, 164
RGB Percent	85%, 53%, 64%
CMY	0.1529, 0.4666, 0.3569
CMYK	0.00, 0.37, 0.24, 0.15
HSL	339°, 51%, 69%
HSV	339°, 37%, 85%
XYZ	43.8239, 34.8876, 39.5462
YIQ	163.1120, 38.6920, 25.6680

Conversions

Conversions Part 2

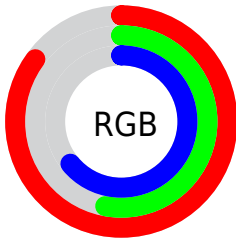
Format	Color
R _Y B	216, 136, 164
Decimal	14190756
CIE Lab	65.66, 34.29, -1.90
CIE LCh	66, 34.338, 356.826
Yxy	34.8876, 0.3706, 0.2950
Android (android.graphics.Color)	4292380836 (0xFFD888A4)
YUV	163.1120, 0.4378, 46.3828
Hunter-Lab	59.0657, 29.0733, 1.6497

Details

The XYZ color **43.8239, 34.8876, 39.5462** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **43.7879, 57.9777, 56.4627**, and the grayscale version is **34.8517, 36.6668, 39.9301**.

A 20% lighter version of the original color is **72.4396, 63.2014, 75.3989**, and **20.4712, 15.0378, 17.1529** is the 20% darker color. If you saturate the color by 10%, you get **39.8840, 28.9260, 32.3185**, and if you desaturate by 10%, it is **48.5188, 42.1344, 47.7170**.

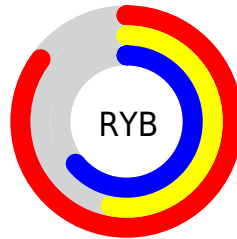
Distribution



Red (85%)

Green (53%)

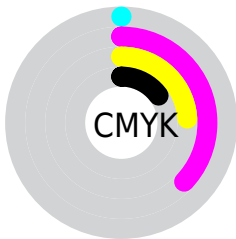
Blue (64%)



Red (85%)

Yellow (53%)

Blue (64%)

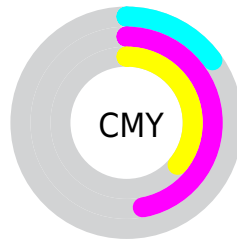


Cyan (0%)

Magenta (37%)

Yellow (24%)

Black (15%)



Cyan (15%)


Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8239, 34.8876, 39.5462 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 43.8239, 34.8876, 39.5462 by changing the saturation by 10% instead.


 43.8239, 34.8876,
39.5462


 43.8239, 34.8876,
39.5462


352.8535,
324.0719, 359.7022


 30.7294, 23.5763,
26.8738


 80.2007, 67.3116,
75.7015

 20.5437, 15.0196,
17.2469


 104.2137, 89.1931,
100.0215

 12.9014, 8.8332,
10.2468

 132.5969,
115.3668, 129.0611

 7.4372, 4.6325,
5.4552


165.7157,
146.2171, 163.2388

 3.7858, 2.0333,
2.4534

203.9354,
182.1283, 202.9733

 1.5817, 0.6267,
0.8153

247.6213,

 0.3804, 0.0000,

223.4850, 248.6830

0.0000

297.1389,
270.6714, 300.7864

■ 0.0000, 0.0000,
0.0000

■ 43.8239, 34.8876,
39.5462

■ 43.8239, 34.8876,
39.5462

■ 39.8840, 28.9260,
32.3185

■ 48.5188, 42.1344,
47.7170

■ 36.6545, 24.1689,
25.9957

■ 54.0039, 50.7311,
56.8629

■ 34.0907, 20.5338,
20.5396

■ 60.3160, 60.7440,
67.0169

■ 32.1410, 17.9259,
15.9082

■ 67.4882, 72.2334,
78.2096

■ 30.7457, 16.2343,
12.0550

■ 75.5522, 85.2561,
90.4704

■ 29.8275, 15.3136,
8.9260

■ 81.0604, 92.9116,
102.6683

■ 29.6094, 15.1151,
8.1204

■ 82.1290, 93.3390,
108.2953

Harmonies

Analogous

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



41.9639, 34.8876, 55.3144



43.8239, 34.8876, 39.5462



42.5957, 34.8876, 26.7736

Triad

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



43.8239, 34.8876, 39.5462



28.9700, 34.8876, 18.1908



28.1279, 34.8876, 66.3224

Complementary

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



43.8239, 34.8876, 39.5462



43.7879, 57.9777, 56.4627

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.



25.2314, 34.8876, 51.9607



43.8239, 34.8876, 39.5462



25.6819, 34.8876, 24.7179

Square

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



43.8239, 34.8876, 39.5462



33.6998, 34.8876, 16.4450



24.3830, 34.8876, 36.4687



32.6253, 34.8876, 73.0438

Rectangle

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



43.8239, 34.8876, 39.5462



40.2527, 34.8876, 21.1088



24.3830, 34.8876, 36.4687



26.9529, 34.8876, 62.0749

Sweetspot

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



43.8249, 34.8893, 39.5469



83.9474, 82.2716, 91.3975



41.9392, 33.2594, 69.1753



17.6981, 17.1809, 19.1286



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.



43.8249, 34.8893, 39.5469



59.4828, 44.2251, 49.6930



43.3540, 37.5580, 28.2591



12.6009, 12.4919, 13.8387



17.5720, 8.9651, 5.0504



1.0984, 0.5562, 0.5078

Inverse Universe

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



43.8249, 34.8893, 39.5469



59.4828, 44.2251, 49.6930



44.1421, 53.3789, 72.9426



12.6009, 12.4919, 13.8387



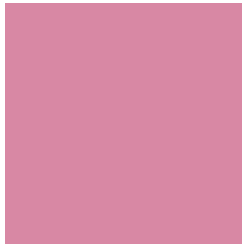
17.5720, 8.9651, 5.0504



1.0984, 0.5562, 0.5078

Previews

White Background



This preview shows how the XYZ color 43.8239, 34.8876, 39.5462 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 43.8239, 34.8876, 39.5462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

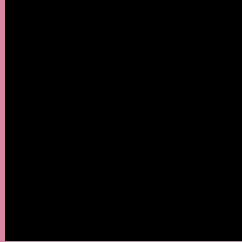
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8239, 34.8876, 39.5462

Background



This preview shows how black text looks on a background with the XYZ color 43.8239, 34.8876, 39.5462.



This preview shows how white text looks on a background with the XYZ color 43.8239, 34.8876,

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

43.8239, 34.8876, 39.5462

Protanopia

34.3386, 35.1787, 47.0998

Deuteranopia

35.8336, 35.1299, 38.6103



Tritanopia

42.3890, 34.9313, 32.9420

Trichromacy



Original Color

43.8239, 34.8876, 39.5462

Protanomaly

36.9695, 34.6153, 44.2681

Deuteranomaly

38.3467, 34.7356, 38.8660

Tritanomaly

42.9455, 34.9571, 35.0558

Monochromacy



Original Color

43.8239, 34.8876, 39.5462

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.2935, 35.3719, 39.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8239, 34.8876, 39.5462 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(216, 136, 164)` looks like.

```
.text, #text, p{  
    color:rgb(216, 136, 164)  
}
```

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(216, 136, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 136, 164) }
```

Border

The CSS property to change the border of an element to XYZ 43.8239, 34.8876, 39.5462 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(216, 136, 164) }
```


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

```
.border{ border-color:rgb(216, 136, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 136, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 136, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 136, 164);  
box-shadow:4px 4px 4px 4px rgb(216, 136,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8239, 34.8876, 39.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 136, 164) }
```

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

```
.background{ background-color: rgb(216,  
136, 164) }
```

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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