

Converting Colors

XYZ(43.9352, 36.8453, 69.9437)

Have a look what the booklet for
XYZ(43.9352, 36.8453, 69.9437)
contains.

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Color

**XYZ(43.9708, 36.9565,
69.7815)**

Conversions

Conversions Part 1

Format	Color
Hex	BD94D8
RGB	189, 148, 216
RGB Percent	74%, 58%, 85%
CMY	0.2588, 0.4196, 0.1529
CMYK	0.12, 0.31, 0.00, 0.15
HSL	276°, 47%, 71%
HSV	276°, 31%, 85%
XYZ	43.9708, 36.9565, 69.7815
YIQ	168.0110, 2.6080, 29.8400

Conversions

Conversions Part 2

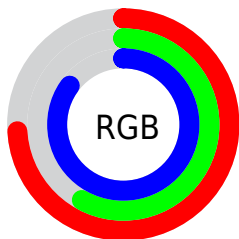
Format	Color
RYB	189, 148, 216
Decimal	12424408
CIELab	67.24, 27.89, -28.91
CIELCh	67, 40.171, 313.974
Yxy	36.9565, 0.2918, 0.2452
Android (android.graphics.Color)	4290614488 (0xFFBD94D8)
YUV	168.0110, 23.6586, 18.4074
Hunter-Lab	60.7919, 22.7234, -25.5033

Details

The XYZ color **43.9708, 36.9565, 69.7815** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.5816, 60.3647, 37.1624**, and the grayscale version is **37.1126, 39.0453, 42.5204**.

A 20% lighter version of the original color is **77.1766, 69.0539, 103.8688**, and **20.6994, 16.2735, 35.7683** is the 20% darker color. If you saturate the color by 10%, you get **38.8289, 29.7376, 68.6597**, and if you desaturate by 10%, it is **49.8731, 45.5077, 71.1215**.

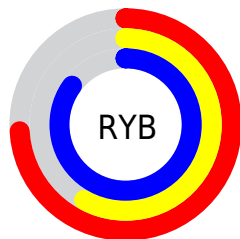
Distribution



Red (74%)

Green (58%)

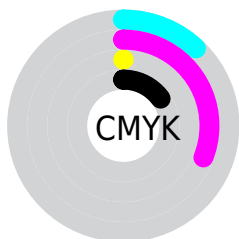
Blue (85%)



Red (74%)

Yellow (58%)

Blue (85%)

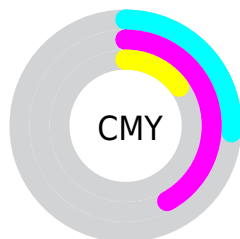


Cyan (12%)

Magenta (31%)

Yellow (0%)

Black (15%)



Cyan (26%)

Magenta (42%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9708, 36.9565, 69.7815 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 43.9708, 36.9565, 69.7815 by changing the saturation by 10% instead.


 43.9708, 36.9565,
69.7815

 43.9708, 36.9565,
69.7815


353.4433,
333.1222, 478.5508

 30.8454, 25.1738,
50.8727


 80.4204, 70.5059,
120.5753

 20.6324, 16.2066,
35.7313


 104.4753, 93.0414,
153.2974

 12.9665, 9.6705,
23.9387


132.9041,
119.9299, 191.4610

 7.4823, 5.1810,
15.0764

166.0721,
151.5559, 235.4847

 3.8145, 2.3539,
8.7258

204.3446,
188.3037, 285.7870

 1.5977, 0.8020,
4.4684

248.0871,

 0.3909, 0.0000,

230.5577, 342.7864

1.8857

297.6649,
278.7024, 406.9015

■ 0.0000, 0.0000,
0.4836

■ 0.0000, 0.0000,
0.0000

■ 43.9708, 36.9565,
69.7815

■ 43.9708, 36.9565,
69.7815

■ 38.8289, 29.7376,
68.6597

■ 49.8731, 45.5077,
71.1215

■ 34.4064, 23.7747,
67.7418

■ 56.5668, 55.4527,
72.6883

■ 30.6636, 18.9909,
67.0157

■ 64.0854, 66.8545,
74.4928

■ 27.5551, 15.2987,
66.4669

■ 72.4593, 79.7711,
76.5446

■ 25.0289, 12.5976,
66.0787

■ 81.3961, 93.6144,
78.7456

■ 23.0233, 10.7680,
65.8313

■ 84.2468, 95.0840,
78.8791

■ 21.6367, 9.7223,
65.7025

■ 87.2353, 96.6246,
79.0189

■ 89.3948, 97.7379,
79.1200

Harmonies

Analogous

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



38.0527, 36.9565, 82.7388



43.9708, 36.9565, 69.7815



47.7291, 36.9565, 50.3067

Triad

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



43.9708, 36.9565, 69.7815



38.4848, 36.9565, 15.7174



24.8762, 36.9565, 48.9622

Complementary

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



43.9708, 36.9565, 69.7815



47.5816, 60.3647, 37.1624

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.



24.9632, 36.9565, 31.6136



43.9708, 36.9565, 69.7815



32.3535, 36.9565, 15.5507

Square

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



43.9708, 36.9565, 69.7815



44.3188, 36.9565, 21.0433



27.5548, 36.9565, 20.4927



27.3014, 36.9565, 68.5536

Rectangle

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



43.9708, 36.9565, 69.7815



48.2588, 36.9565, 37.9429



27.5548, 36.9565, 20.4927



24.6223, 36.9565, 42.6266

Sweetspot

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



43.9720, 36.9580, 69.7823



84.8872, 84.5339, 106.4504



39.9777, 41.9931, 70.9647



17.8380, 17.5945, 22.7059



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.



43.9720, 36.9580, 69.7823



58.7680, 46.3868, 100.4639



50.4432, 40.3936, 65.5903



12.4537, 12.3753, 15.6698



12.9312, 5.8188, 38.8947



0.8720, 0.3984, 2.3503

Inverse Universe

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



46.6479, 38.8754, 45.6041



63.5134, 49.7596, 58.8257



42.6695, 57.7684, 39.8255



12.6255, 12.5017, 13.9679



17.8004, 9.0565, 6.2529



1.1138, 0.5623, 0.5889

Previews

White Background



This preview shows how the XYZ color 43.9708, 36.9565, 69.7815 looks on a white background.

Color Contrast Check

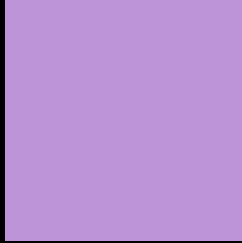
Large Text (above 18pt) WCAG AA × Fail

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 43.9708, 36.9565, 69.7815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

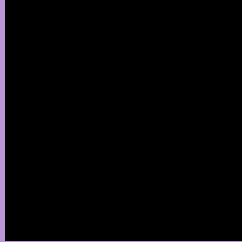
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9708, 36.9565, 69.7815

Background



This preview shows how black text looks on a background with the XYZ color 43.9708, 36.9565, 69.7815.



This preview shows how white text looks on a background with the XYZ color 43.9708, 36.9565,

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

43.9708, 36.9565, 69.7815

Protanopia

38.3249, 37.3514, 77.1411

Deuteranopia

37.8920, 37.0661, 68.1081



Tritanopia

38.5098, 36.9236, 42.6334

Trichromacy



Original Color

43.9708, 36.9565, 69.7815

Protanomaly

39.9397, 36.9649, 74.1371

Deuteranomaly

39.7520, 36.7390, 68.6145

Tritanomaly

40.4261, 36.9707, 51.4597

Monochromacy



Original Color

43.9708, 36.9565, 69.7815

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.4063, 38.2226, 51.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9708, 36.9565, 69.7815 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(189, 148, 216)` looks like.

```
.text, #text, p{  
    color:rgb(189, 148, 216)  
}
```

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(189, 148, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 148, 216) }
```

Border

The CSS property to change the border of an element to XYZ 43.9708, 36.9565, 69.7815 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(189, 148, 216) }
```


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

```
.border{ border-color:rgb(189, 148, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 148, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 148, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 148, 216);  
box-shadow:4px 4px 4px 4px rgb(189, 148,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9708, 36.9565, 69.7815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 148, 216) }
```

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

```
.background{ background-color: rgb(189,  
148, 216) }
```

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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