

Converting Colors

XYZ(43.7589, 36.3070, 58.2150)

Have a look what the booklet for
XYZ(43.7589, 36.3070, 58.2150)
contains.

XYZ(43.8716, 36.4701, 58.1532)	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(43.8716, 36.4701,
58.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	C791C6
RGB	199, 145, 198
RGB Percent	78%, 57%, 78%
CMY	0.2196, 0.4314, 0.2235
CMYK	0.00, 0.27, 0.01, 0.22
HSL	301°, 33%, 67%
HSV	301°, 27%, 78%
XYZ	43.8716, 36.4701, 58.1532
YIQ	167.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

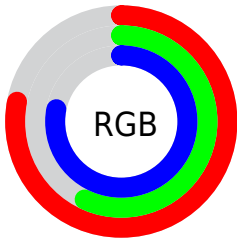
Format	Color
RYB	199, 145, 198
Decimal	13078982
CIELab	66.88, 29.18, -19.38
CIElCh	67, 35.029, 326.417
Yxy	36.4701, 0.3168, 0.2633
Android (android.graphics.Color)	4291269062 (0xFFC791C6)
YUV	167.1880, 15.1903, 27.8991
Hunter-Lab	60.3905, 23.9908, -14.8202

Details

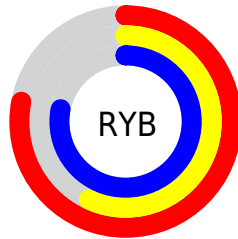
The XYZ color **43.8716, 36.4701, 58.1532** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.2902, 48.9430, 34.6777**, and the grayscale version is **36.7462, 38.6599, 42.1006**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **20.5383, 15.9483, 28.3814** is the 20% darker color. If you saturate the color by 10%, you get **41.0510, 30.8962, 57.0038**, and if you desaturate by 10%, it is **47.2272, 43.1124, 59.4822**.

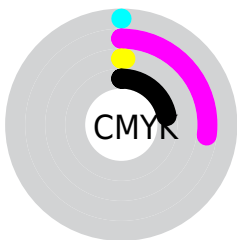
Distribution



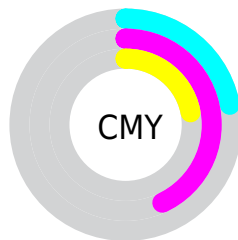
- Red (78%)
- Green (57%)
- Blue (78%)



- Red (78%)
- Yellow (57%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8716, 36.4701, 58.1532 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 43.8716, 36.4701, 58.1532 by changing the saturation by 10% instead.


 43.8716, 36.4701,
58.1532

 43.8716, 36.4701,
58.1532

353.0451,
331.0106, 435.3707

 30.7671, 24.7975,
41.5163


 80.2720, 69.7570,
103.6629

 20.5725, 15.9262,
28.4000


 104.2987, 92.1401,
133.3728

 12.9225, 9.4720,
18.3857

132.6967,
118.8622, 168.2774

 7.4519, 5.0503,
11.0550

165.8314,
150.3076, 208.7954

 3.7951, 2.2768,
5.9892

204.0683,
186.8608, 255.3451

 1.5869, 0.7614,
2.7698

247.7726,

 0.3838, 0.0000,

228.9061, 308.3452

0.9783

297.3098,
276.8279, 368.2143

■ 0.0000, 0.0000,
0.0000

■ 43.8716, 36.4701,
58.1532

■ 43.8716, 36.4701,
58.1532

■ 41.0510, 30.8962,
57.0038

■ 47.2272, 43.1124,
59.4822

■ 38.7342, 26.3304,
56.0225

■ 51.1401, 50.8699,
60.9971

■ 36.8920, 22.7137,
55.1999

■ 55.6355, 59.7923,
62.7067

■ 35.4909, 19.9789,
54.5248

■ 60.7362, 69.9250,
64.6186

■ 34.4930, 18.0504,
53.9846

■ 66.4635, 81.3109,
66.7398

■ 33.8540, 16.8395,
53.5646

■ 69.7638, 87.8424,
68.0525

■ 33.5133, 16.2253,
53.2445

■ 69.8070, 87.8597,
68.2801

■ 33.4394, 16.0966,
53.1608

■ 69.8503, 87.8770,
68.5082

■ 69.8937, 87.8944,
68.7369

Harmonies

Analogous

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



39.4012, 36.4701, 72.0263



43.8716, 36.4701, 58.1532



45.8694, 36.4701, 41.5631

Triad

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



43.8716, 36.4701, 58.1532



35.3050, 36.4701, 17.1127



26.3099, 36.4701, 54.1709

Complementary

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



43.8716, 36.4701, 58.1532



37.2902, 48.9430, 34.6777

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.



25.4501, 36.4701, 37.9124



43.8716, 36.4701, 58.1532



30.3221, 36.4701, 18.8773

Square

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



43.8716, 36.4701, 58.1532



40.6157, 36.4701, 20.0110



26.8438, 36.4701, 25.6472



29.3236, 36.4701, 69.3456

Rectangle

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



43.8716, 36.4701, 58.1532



45.3940, 36.4701, 32.0148



26.8438, 36.4701, 25.6472



25.7736, 36.4701, 48.5484

Sweetspot

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



43.8727, 36.4717, 58.1540



88.8231, 87.6435, 106.5245



32.2721, 30.4780, 58.2155



18.7773, 18.2942, 22.7104



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.



43.8727, 36.4717, 58.1540



73.5746, 57.4492, 100.5082



41.0401, 35.3386, 43.2375



11.0743, 10.8131, 13.3746



21.5058, 10.3519, 34.2033



1.0211, 0.4913, 1.6341

Inverse Universe

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



43.8727, 36.4717, 58.1540



73.5746, 57.4492, 100.5082



39.6350, 49.8809, 47.0249



11.0743, 10.8131, 13.3746



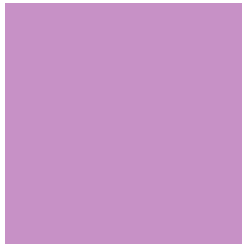
21.5058, 10.3519, 34.2033



1.0211, 0.4913, 1.6341

Previews

White Background



This preview shows how the XYZ color 43.8716, 36.4701, 58.1532 looks on a white background.

Color Contrast Check

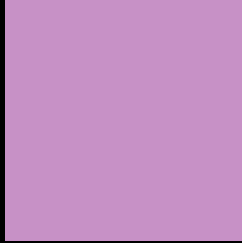
Large Text (above 18pt) WCAG AA × Fail

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 43.8716, 36.4701, 58.1532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

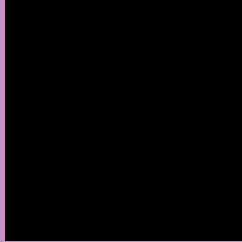
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8716, 36.4701, 58.1532

Background



This preview shows how black text looks on a background with the XYZ color 43.8716, 36.4701, 58.1532.



This preview shows how white text looks on a background with the XYZ color 43.8716, 36.4701,

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

43.8716, 36.4701, 58.1532

Protanopia

37.0160, 36.6725, 65.4491

Deuteranopia

37.3527, 36.5229, 56.7107



Tritanopia

40.0872, 36.5702, 39.5963

Trichromacy



Original Color

43.8716, 36.4701, 58.1532

Protanomaly

38.8892, 36.1753, 62.6905

Deuteranomaly

39.4239, 36.3268, 57.1585

Tritanomaly

41.3489, 36.3652, 45.9142

Monochromacy



Original Color

43.8716, 36.4701, 58.1532

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.0244, 37.5943, 47.3191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8716, 36.4701, 58.1532 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, 145, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 145, 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(199, 145, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 145, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.8716, 36.4701, 58.1532 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, 145, 198) }
```


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

```
.border{ border-color:rgb(199, 145, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 145, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 145, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 145, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 145,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8716, 36.4701, 58.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 145, 198) }
```

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

```
.background{ background-color: rgb(199,  
145, 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