

Converting Colors

XYZ(39.8875, 36.2315, 50.2385)

Have a look what the booklet for
XYZ(39.8875, 36.2315, 50.2385)
contains.

XYZ(39.8875, 36.2315, 50.2385)	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(39.8875, 36.2315,
50.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	B998B8
RGB	185, 152, 184
RGB Percent	73%, 60%, 72%
CMY	0.2745, 0.4039, 0.2784
CMYK	0.00, 0.18, 0.01, 0.27
HSL	302°, 19%, 66%
HSV	302°, 18%, 73%
XYZ	39.8875, 36.2315, 50.2385
YIQ	165.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

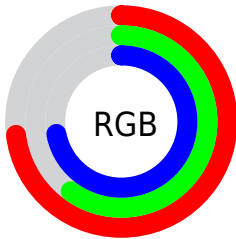
Format	Color
RYB	185, 152, 184
Decimal	12163256
CIELab	66.70, 17.89, -11.97
CIElCh	67, 21.525, 326.229
Yxy	36.2315, 0.3157, 0.2867
Android (android.graphics.Color)	4290353336 (0xFFB998B8)
YUV	165.5150, 9.1131, 17.0883
Hunter-Lab	60.1926, 12.9485, -7.3503

Details

The XYZ color **39.8875, 36.2315, 50.2385** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.0490, 43.6741, 36.6688**, and the grayscale version is **35.9669, 37.8400, 41.2077**.

A 20% lighter version of the original color is **74.0751, 69.1347, 91.8782**, and **18.2661, 15.8516, 23.5697** is the 20% darker color. If you saturate the color by 10%, you get **37.0577, 30.6652, 49.0063**, and if you desaturate by 10%, it is **43.1880, 42.7377, 51.6296**.

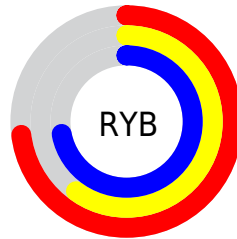
Distribution



Red (73%)

Green (60%)

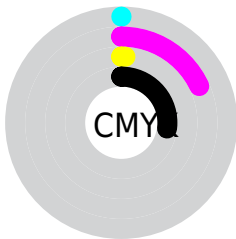
Blue (72%)



Red (73%)

Yellow (60%)

Blue (72%)

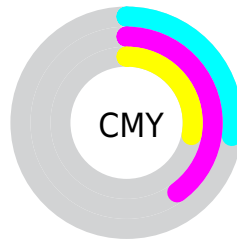


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8875, 36.2315, 50.2385 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 39.8875, 36.2315, 50.2385 by changing the saturation by 10% instead.


 39.8875, 36.2315,
50.2385


 39.8875, 36.2315,
50.2385


336.7917,
329.9713, 404.3596

 27.6347, 24.6130,
35.2304


 74.2776, 69.3892,
91.9281

 18.1895, 15.7890,
23.5555


 97.1456, 91.6973,
119.4467

 11.1866, 9.3750,
14.7950


124.2826,
118.3373, 151.9726

 6.2607, 4.9866,
8.5307

156.0541,
149.6938, 189.9242

 3.0464, 2.2394,
4.3437

192.8255,
186.1510, 233.7202

 1.1784, 0.7413,
1.8157

234.9619,

 0.0892, 0.0000,

228.0934, 283.7791

0.4383

282.8289,
275.9053, 340.5194

■ 0.0000, 0.0000,
0.0000

■ 39.8875, 36.2315,
50.2385

■ 39.8875, 36.2315,
50.2385

■ 37.0577, 30.6652,
49.0063

■ 43.1880, 42.7377,
51.6296

■ 34.6738, 25.9908,
47.9234

■ 46.9762, 50.2196,
53.1840

■ 32.7134, 22.1631,
46.9829

■ 51.2723, 58.7167,
54.9088

■ 31.1511, 19.1312,
46.1762

■ 56.0943, 68.2653,
56.8101

■ 29.9586, 16.8387,
45.4940

■ 61.4593, 78.8995,
58.8935

■ 29.1042, 15.2219,
44.9256

■ 64.7765, 85.4379,
60.2955

■ 28.5505, 14.2061,
44.4585

■ 64.8368, 85.4620,
60.6130

■ 28.2403, 13.6769,
44.0738

■ 64.8973, 85.4862,
60.9318

■ 28.1845, 13.5851,
43.9944

■ 64.9581, 85.5105,
61.2518

Harmonies

Analogous

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



37.2683, 36.2315, 57.7455



39.8875, 36.2315, 50.2385



41.0446, 36.2315, 40.6368

Triad

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



39.8875, 36.2315, 50.2385



34.8489, 36.2315, 24.1726



29.1384, 36.2315, 47.8848

Complementary

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



39.8875, 36.2315, 50.2385



36.0490, 43.6741, 36.6688

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.



28.5795, 36.2315, 38.2864



39.8875, 36.2315, 50.2385



31.7527, 36.2315, 25.4952

Square

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



39.8875, 36.2315, 50.2385



38.0226, 36.2315, 26.3838



29.5070, 36.2315, 30.3283



31.0842, 36.2315, 56.2437

Rectangle

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



39.8875, 36.2315, 50.2385



40.7809, 36.2315, 34.6644



29.5070, 36.2315, 30.3283



28.7876, 36.2315, 44.6568

Sweetspot

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



39.8886, 36.2331, 50.2393



79.1283, 80.0548, 93.2041



33.0390, 32.6898, 50.4678



16.9600, 17.0638, 20.0522



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8886, 36.2331, 50.2393



69.5675, 61.2077, 89.1713



38.3002, 35.5977, 41.8751



9.3689, 9.1579, 11.2898



19.1960, 9.2522, 29.9828



0.6804, 0.3276, 1.0765

Inverse Universe

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



39.8886, 36.2331, 50.2393



69.5675, 61.2077, 89.1713



37.4653, 44.2406, 44.1267



9.3689, 9.1579, 11.2898



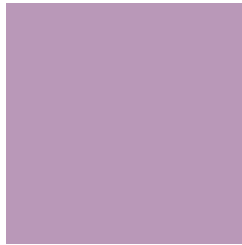
19.1960, 9.2522, 29.9828



0.6804, 0.3276, 1.0765

Previews

White Background



This preview shows how the XYZ color 39.8875, 36.2315, 50.2385 looks on a white background.

Color Contrast Check

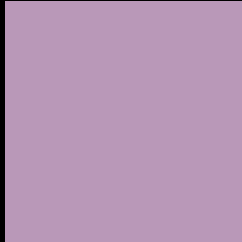
Large Text (above 18pt) WCAG AA × Fail

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 39.8875, 36.2315, 50.2385 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 39.8875, 36.2315, 50.2385

Background



This preview shows how black text looks on a background with the XYZ color 39.8875, 36.2315, 50.2385.



This preview shows how white text looks on a background with the XYZ color 39.8875, 36.2315,

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

39.8875, 36.2315, 50.2385

Protanopia

35.9438, 36.3755, 53.8419

Deuteranopia

37.1363, 36.3076, 49.8505



Tritanopia

38.2248, 36.3000, 41.5511

Trichromacy



Original Color

39.8875, 36.2315, 50.2385

Protanomaly

37.2403, 36.3000, 52.6208

Deuteranomaly

38.1149, 36.3098, 49.7994

Tritanomaly

38.8656, 36.3187, 44.4969

Monochromacy



Original Color

39.8875, 36.2315, 50.2385

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.5213, 37.3911, 44.7748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8875, 36.2315, 50.2385 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(185, 152, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 152, 184)  
}
```

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(185, 152, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 152, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.8875, 36.2315, 50.2385 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(185, 152, 184) }
```


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

```
.border{ border-color:rgb(185, 152, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 152, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 152, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 152, 184);  
box-shadow:4px 4px 4px 4px rgb(185, 152,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8875, 36.2315, 50.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 152, 184) }
```

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

```
.background{ background-color: rgb(185,  
152, 184) }
```

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