

Converting Colors

XYZ(40.4587, 36.9081, 44.3702)

Have a look what the booklet for
XYZ(40.4587, 36.9081, 44.3702)
contains.

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Color

**XYZ(40.4199, 36.8760,
44.5226)**

Conversions

Conversions Part 1

Format	Color
Hex	BF99AD
RGB	191, 153, 173
RGB Percent	75%, 60%, 68%
CMY	0.2510, 0.4000, 0.3216
CMYK	0.00, 0.20, 0.09, 0.25
HSL	328°, 23%, 67%
HSV	328°, 20%, 75%
XYZ	40.4199, 36.8760, 44.5226
YIQ	166.6420, 16.2280, 14.2760

Conversions

Conversions Part 2

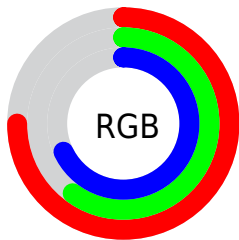
Format	Color
RYB	191, 153, 173
Decimal	12556717
CIELab	67.18, 17.45, -5.03
CIELCh	67, 18.159, 343.932
Yxy	36.8760, 0.3318, 0.3027
Android (android.graphics.Color)	4290746797 (0xFFBF99AD)
YUV	166.6420, 3.1345, 21.3620
Hunter-Lab	60.7256, 12.5425, -0.9621

Details

The XYZ color **40.4199, 36.8760, 44.5226** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1198, 46.9751, 45.5355**, and the grayscale version is **36.5371, 38.4399, 41.8611**.

A 20% lighter version of the original color is **75.0278, 70.1835, 82.9912**, and **18.5191, 16.2016, 20.2403** is the 20% darker color. If you saturate the color by 10%, you get **36.6945, 30.7789, 39.1066**, and if you desaturate by 10%, it is **44.7071, 44.0008, 50.4193**.

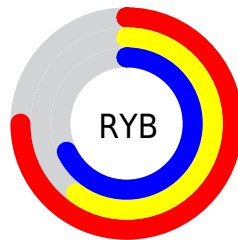
Distribution



Red (75%)

Green (60%)

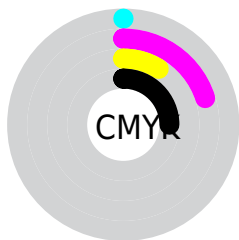
Blue (68%)



Red (75%)

Yellow (60%)

Blue (68%)

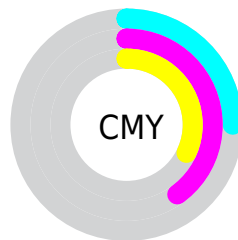


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4199, 36.8760, 44.5226 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 40.4199, 36.8760, 44.5226 by changing the saturation by 10% instead.

 40.4199, 36.8760,
44.5226


 40.4199, 36.8760,
44.5226


338.9944,
332.7734, 380.9402

 28.0518, 25.1115,
30.7414


 75.0828, 70.3820,
83.3144

 18.5053, 16.1601,
20.1452

 98.1082, 92.8924,
109.1620

 11.4153, 9.6375,
12.3155


125.4168,
119.7534, 139.8689

 6.4162, 5.1593,
6.8338

157.3739,
151.3496, 175.8535

 3.1428, 2.3410,
3.2815

194.3448,
188.0653, 217.5344

 1.2297, 0.7953,
1.2401

236.6950,

 0.1297, 0.0000,

230.2848, 265.3301

0.0119

284.7897,
278.3928, 319.6592

■ 0.0000, 0.0000,
0.0000

■ 40.4199, 36.8760,
44.5226

■ 40.4199, 36.8760,
44.5226

■ 36.6945, 30.7789,
39.1066

■ 44.7071, 44.0008,
50.4193

■ 33.5029, 25.6568,
34.1549

■ 49.5762, 52.1934,
56.8078

■ 30.8191, 21.4592,
29.6533

■ 55.0503, 61.4973,
63.7015

■ 28.6139, 18.1297,
25.5861

■ 61.1502, 71.9525,
71.1127

■ 26.8547, 15.6050,
21.9361

■ 67.8955, 83.5969,
79.0531

■ 25.5046, 13.8137,
18.6843

■ 71.1512, 88.1585,
86.1494

■ 24.5203, 12.6710,
15.8095

■ 72.4356, 88.6723,
92.9125

■ 23.8184, 12.0130,
13.2768

■ 73.7865, 89.2127,
100.0267

■ 23.8115, 12.0066,
13.2512

■ 75.2051, 89.7801,
107.4969

Harmonies

Analogous

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



38.8756, 36.8760, 52.1671



40.4199, 36.8760, 44.5226



40.4764, 36.8760, 36.5904

Triad

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



40.4199, 36.8760, 44.5226



33.7829, 36.8760, 27.0936



31.3526, 36.8760, 51.6899

Complementary

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



40.4199, 36.8760, 44.5226



39.1198, 46.9751, 45.5355

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.



30.1308, 36.8760, 43.9368



40.4199, 36.8760, 44.5226



31.4831, 36.8760, 30.1393

Square

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



40.4199, 36.8760, 44.5226



36.5442, 36.8760, 27.2070



30.1773, 36.8760, 36.0767



33.5962, 36.8760, 56.6626

Rectangle

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



40.4199, 36.8760, 44.5226



39.6562, 36.8760, 32.2258



30.1773, 36.8760, 36.0767



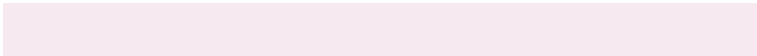
30.8142, 36.8760, 49.2810

Sweetspot

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



40.4210, 36.8776, 44.5234



83.2571, 84.1483, 94.5412



37.5332, 35.1740, 54.1016



18.1584, 18.2697, 20.5964



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.4210, 36.8776, 44.5234



69.2778, 60.9248, 75.2835



38.7334, 36.2026, 35.6368



9.7343, 9.6180, 10.9896



15.6895, 7.9069, 8.9243



0.6474, 0.3229, 0.5225

Inverse Universe

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



40.4210, 36.8776, 44.5234



69.2778, 60.9248, 75.2835



41.0339, 47.7408, 55.6152



9.7343, 9.6180, 10.9896



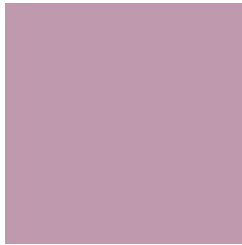
15.6895, 7.9069, 8.9243



0.6474, 0.3229, 0.5225

Previews

White Background



This preview shows how the XYZ color 40.4199, 36.8760, 44.5226 looks on a white background.

Color Contrast Check

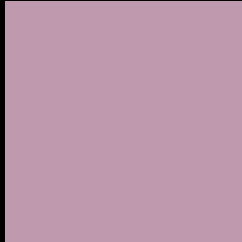
Large Text (above 18pt) WCAG AA × Fail

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 40.4199, 36.8760, 44.5226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

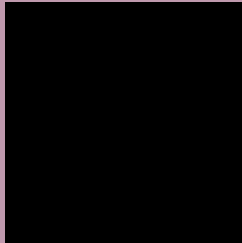
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4199, 36.8760, 44.5226

Background



This preview shows how black text looks on a background with the XYZ color 40.4199, 36.8760, 44.5226.



This preview shows how white text looks on a background with the XYZ color 40.4199, 36.8760,

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

40.4199, 36.8760, 44.5226

Protanopia

36.1342, 37.1304, 47.9102

Deuteranopia

37.7490, 37.0049, 44.1828



Tritanopia

39.6737, 36.8115, 41.0907

Trichromacy



Original Color

40.4199, 36.8760, 44.5226

Protanomaly

37.5675, 36.8548, 46.7286

Deuteranomaly

38.5594, 36.9163, 44.1230

Tritanomaly

39.9522, 36.9229, 42.5572

Monochromacy



Original Color

40.4199, 36.8760, 44.5226

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.9863, 37.9353, 42.8563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4199, 36.8760, 44.5226 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(191, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 173)  
}
```

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(191, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.4199, 36.8760, 44.5226 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(191, 153, 173) }
```


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

```
.border{ border-color:rgb(191, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4199, 36.8760, 44.5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 173) }
```

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

```
.background{ background-color: rgb(191,  
153, 173) }
```

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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