

Converting Colors

XYZ(44.0299, 40.4559, 49.8216)

Have a look what the booklet for
XYZ(44.0299, 40.4559, 49.8216)
contains.

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Color

**XYZ(44.0403, 40.3893,
49.7307)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C5A0B6 |
| RGB | 197, 160, 182 |
| RGB Percent | 77%, 63%, 71% |
| CMY | 0.2274, 0.3725, 0.2863 |
| CMYK | 0.00, 0.19, 0.08, 0.23 |
| HSL | 324°, 24%, 70% |
| HSV | 324°, 19%, 77% |
| XYZ | 44.0403, 40.3893, 49.7307 |
| YIQ | 173.5710, 14.9900, 14.6860 |

Conversions

Conversions Part 2

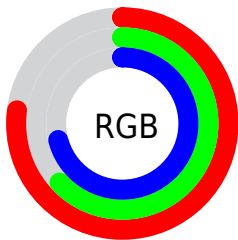
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 197, 160, 182 |
| Decimal | 12951734 |
| CIE Lab | 69.75, 17.31, -6.18 |
| CIE LCh | 70, 18.385, 340.341 |
| Yxy | 40.3893, 0.3283, 0.3011 |
| Android (android.graphics.Color) | 4291141814 (0xFFC5A0B6) |
| YUV | 173.5710, 4.1555, 20.5472 |
| Hunter-Lab | 63.5526, 12.4789, -1.9084 |

Details

The XYZ color **44.0403, 40.3893, 49.7307** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2030, 50.5024, 48.0835**, and the grayscale version is **39.9871, 42.0696, 45.8138**.

A 20% lighter version of the original color is **80.6061, 75.8448, 91.2800**, and **20.6527, 18.1497, 23.1836** is the 20% darker color. If you saturate the color by 10%, you get **40.0902, 33.7722, 44.4571**, and if you desaturate by 10%, it is **48.5810, 48.1111, 55.4344**.

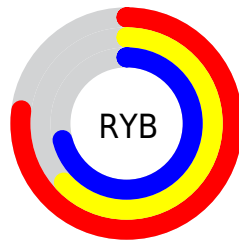
Distribution



Red (77%)

Green (63%)

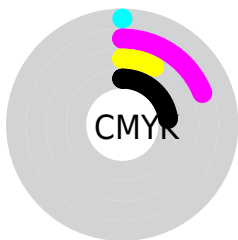
Blue (71%)



Red (77%)

Yellow (63%)

Blue (71%)

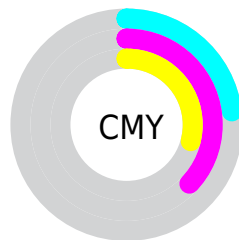


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0403, 40.3893, 49.7307 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 44.0403, 40.3893, 49.7307 by changing the saturation by 10% instead.

■ 44.0403, 40.3893,
49.7307

■ 44.0403, 40.3893,
49.7307

353.7221,
347.7617, 402.3167

■ 30.9002, 27.8422,
34.8298

■ 80.5244, 75.7560,
91.1679

■ 20.6743, 18.2067,
23.2493

■ 104.5991, 99.3443,
118.5413

■ 12.9973, 11.0985,
14.5707

133.0493,
127.3819, 150.9093

■ 7.5037, 6.1331,
8.3754

166.2406,
160.2531, 188.6904

■ 3.8281, 2.9262,
4.2449

204.5381,
198.3422, 232.3031

■ 1.6054, 1.0933,
1.7606

248.3073,

■ 0.3959, 0.0000,

242.0338, 282.1661

0.4018

297.9136,
291.7122, 338.6978

■ 0.0000, 0.0000,
0.0000

■ 44.0403, 40.3893,
49.7307

■ 44.0403, 40.3893,
49.7307

■ 40.0902, 33.7722,
44.4571

■ 48.5810, 48.1111,
55.4344

■ 36.7010, 28.2034,
39.5985

■ 53.7332, 56.9799,
61.5776

■ 33.8456, 23.6292,
35.1424

■ 59.5213, 67.0427,
68.1724

■ 31.4931, 19.9894,
31.0744

■ 65.9670, 78.3419,
75.2298

■ 29.6094, 17.2169,
27.3791

■ 71.9628, 88.6611,
82.3840

■ 28.1558, 15.2359,
24.0393

■ 73.0587, 89.0995,
88.1551

■ 27.0869, 13.9569,
21.0353

■ 74.2060, 89.5584,
94.1969

■ 26.3285, 13.2331,
18.3380

■ 75.4055, 90.0382,
100.5130

■ 26.2447, 13.1578,
18.0255

■ 76.6576, 90.5390,
107.1067

Harmonies

Analogous

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



42.2179, 40.3893, 57.7050



44.0403, 40.3893, 49.7307



44.3048, 40.3893, 41.0972

Triad

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



44.0403, 40.3893, 49.7307



37.3696, 40.3893, 29.7310



34.1858, 40.3893, 55.4757

Complementary

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



44.0403, 40.3893, 49.7307



42.2030, 50.5024, 48.0835

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.



33.0244, 40.3893, 46.9885



44.0403, 40.3893, 49.7307



34.7985, 40.3893, 32.6197

Square

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



44.0403, 40.3893, 49.7307



40.3485, 40.3893, 30.2655



33.2428, 40.3893, 38.6853



36.4936, 40.3893, 61.3075

Rectangle

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



44.0403, 40.3893, 49.7307



43.5482, 40.3893, 36.1990



33.2428, 40.3893, 38.6853



33.6539, 40.3893, 52.7964

Sweetspot

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



44.0415, 40.3911, 49.7316



89.3790, 90.2306, 102.1618



40.2848, 38.2656, 58.0868



19.0040, 19.0955, 21.7137



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.



44.0415, 40.3911, 49.7316



75.5140, 66.6799, 84.6552



42.2720, 39.6833, 40.4137



10.8941, 10.7410, 12.4254



17.3044, 8.6713, 12.0786



0.8546, 0.4247, 0.7574

Inverse Universe

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



44.0415, 40.3911, 49.7316



75.5140, 66.6799, 84.6552



44.1240, 51.2708, 58.1993



10.8941, 10.7410, 12.4254



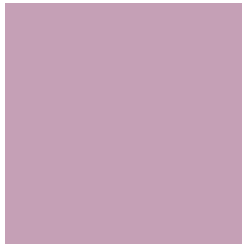
17.3044, 8.6713, 12.0786



0.8546, 0.4247, 0.7574

Previews

White Background



This preview shows how the XYZ color 44.0403, 40.3893, 49.7307 looks on a white background.

Color Contrast Check

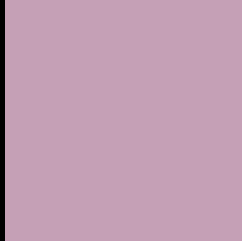
Large Text (above 18pt) WCAG AA × Fail

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 44.0403, 40.3893, 49.7307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

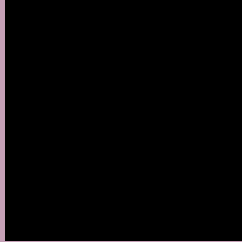
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0403, 40.3893, 49.7307

Background



This preview shows how black text looks on a background with the XYZ color 44.0403, 40.3893, 49.7307.



This preview shows how white text looks on a background with the XYZ color 44.0403, 40.3893,

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

44.0403, 40.3893, 49.7307

Protanopia

39.6273, 40.4418, 53.2944

Deuteranopia

41.2681, 40.5537, 49.3686



Tritanopia

43.1498, 40.2815, 45.5453

Trichromacy



Original Color

44.0403, 40.3893, 49.7307

Protanomaly

41.0896, 40.4013, 52.0870

Deuteranomaly

42.1095, 40.4519, 49.3047

Tritanomaly

43.4456, 40.3998, 47.1031

Monochromacy



Original Color

44.0403, 40.3893, 49.7307

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.4152, 41.4953, 47.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0403, 40.3893, 49.7307 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(197, 160, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 182)  
}
```

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(197, 160, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 182) }
```

Border

The CSS property to change the border of an element to XYZ 44.0403, 40.3893, 49.7307 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(197, 160, 182) }
```


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

```
.border{ border-color:rgb(197, 160, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 160, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 160, 182); box-shadow:4px 4px 4px 4px rgb(197, 160, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0403, 40.3893, 49.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 182) }
```

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

```
.background{ background-color: rgb(197,  
160, 182) }
```

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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