

Converting Colors

XYZ(40.9045, 39.3453, 44.1502)

Have a look what the booklet for
XYZ(40.9045, 39.3453, 44.1502)
contains.

XYZ(41.0101, 39.4723, 43.9855)	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(41.0101, 39.4723,
43.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA2AB
RGB	188, 162, 171
RGB Percent	74%, 64%, 67%
CMY	0.2627, 0.3647, 0.3294
CMYK	0.00, 0.14, 0.09, 0.26
HSL	339°, 16%, 69%
HSV	339°, 14%, 74%
XYZ	41.0101, 39.4723, 43.9855
YIQ	170.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

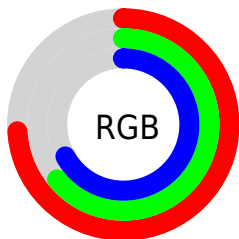
Format	Color
RYB	188, 162, 171
Decimal	12362411
CIELab	69.09, 11.05, -1.14
CIElCh	69, 11.105, 354.124
Yxy	39.4723, 0.3295, 0.3171
Android (android.graphics.Color)	4290552491 (0xFFBCA2AB)
YUV	170.8000, 0.0986, 15.0844
Hunter-Lab	62.8270, 6.5680, 2.4697

Details

The XYZ color **41.0101, 39.4723, 43.9855** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0218, 46.9036, 49.5414**, and the grayscale version is **38.6044, 40.6148, 44.2295**.

A 20% lighter version of the original color is **75.8485, 74.3498, 82.3048**, and **18.8974, 17.6347, 19.8606** is the 20% darker color. If you saturate the color by 10%, you get **36.8251, 32.8909, 37.0755**, and if you desaturate by 10%, it is **45.8015, 47.0910, 51.6364**.

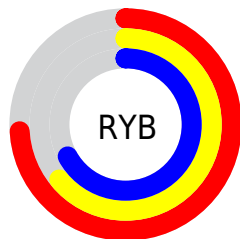
Distribution



Red (74%)

Green (64%)

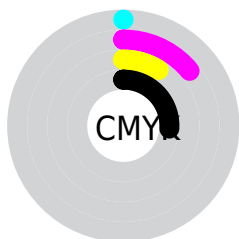
Blue (67%)



Red (74%)

Yellow (64%)

Blue (67%)

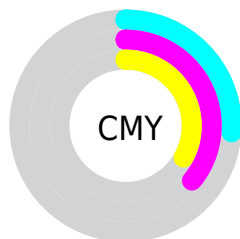


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0101, 39.4723, 43.9855 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 41.0101, 39.4723, 43.9855 by changing the saturation by 10% instead.


 41.0101, 39.4723,
43.9855


 41.0101, 39.4723,
43.9855


341.4247,
343.8944, 378.6887

 28.5147, 27.1273,
30.3220

 75.9738, 74.3593,
82.4982

 18.8564, 17.6689,
19.8290


 99.1729, 97.6701,
108.1844

 11.6700, 10.7125,
12.0880


126.6705,
125.4050, 138.7153

 6.5900, 5.8739,
6.6803

158.8320,
157.9483, 174.5094

 3.2511, 2.7685,
3.1876

196.0229,
195.6846, 215.9853

 1.2879, 1.0121,
1.1912

238.6083,

 0.1741, 0.0000,

238.9980, 263.5614

0.0000

286.9538,
288.2732, 317.6564

■ 0.0000, 0.0000,
0.0000

■ 41.0101, 39.4723,
43.9855

■ 41.0101, 39.4723,
43.9855

■ 36.8251, 32.8909,
37.0755

■ 45.8015, 47.0910,
51.6364

■ 33.2182, 27.2965,
30.8809

■ 51.2192, 55.7840,
60.0475

■ 30.1640, 22.6427,
25.3785

■ 57.2866, 65.5928,
69.2404

■ 27.6337, 18.8770,
20.5428

■ 64.0246, 76.5553,
79.2353

■ 25.5957, 15.9418,
16.3464

■ 71.1318, 88.0645,
89.9443

■ 24.0149, 13.7727,
12.7600

■ 72.9449, 88.7897,
99.4918

■ 22.8513, 12.2956,
9.7514

■ 74.5493, 89.4315,
107.9406

■ 22.0570, 11.4213,
7.2845

■ 21.6952, 11.0739,
6.0043

Harmonies

Analogous

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



40.3467, 39.4723, 48.9553



41.0101, 39.4723, 43.9855



40.7140, 39.4723, 39.1120

Triad

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



41.0101, 39.4723, 43.9855



36.1416, 39.4723, 34.6728



35.5555, 39.4723, 51.3813

Complementary

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



41.0101, 39.4723, 43.9855



41.0218, 46.9036, 49.5414

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.



34.4923, 39.4723, 47.0920



41.0101, 39.4723, 43.9855



34.8232, 39.4723, 37.5093

Square

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



41.0101, 39.4723, 43.9855



37.8672, 39.4723, 33.9832



34.2286, 39.4723, 41.9872



37.1695, 39.4723, 53.4359

Rectangle

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



41.0101, 39.4723, 43.9855



40.0169, 39.4723, 36.5359



34.2286, 39.4723, 41.9872



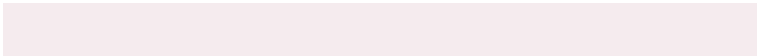
35.1239, 39.4723, 50.1375

Sweetspot

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



41.0112, 39.4740, 43.9863



82.7880, 84.9942, 93.2369



40.5662, 39.0452, 52.9760



17.6542, 18.0398, 19.8153



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.0112, 39.4740, 43.9863



71.5866, 67.2157, 75.2469



40.8801, 40.5378, 39.8544



9.6628, 9.5894, 10.6134



14.8030, 7.5523, 4.2561



0.6112, 0.3084, 0.3316

Inverse Universe

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



41.0112, 39.4740, 43.9863



71.5866, 67.2157, 75.2469



41.1400, 45.6360, 54.2179



9.6628, 9.5894, 10.6134



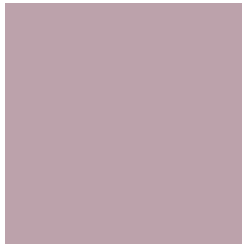
14.8030, 7.5523, 4.2561



0.6112, 0.3084, 0.3316

Previews

White Background



This preview shows how the XYZ color 41.0101, 39.4723, 43.9855 looks on a white background.

Color Contrast Check

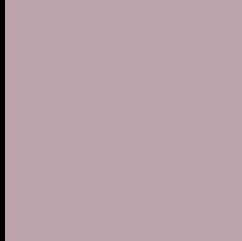
Large Text (above 18pt) WCAG AA × Fail

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 41.0101, 39.4723, 43.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

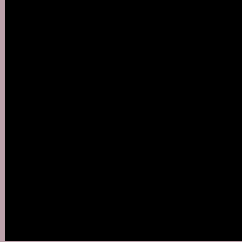
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0101, 39.4723, 43.9855

Background



This preview shows how black text looks on a background with the XYZ color 41.0101, 39.4723, 43.9855.



This preview shows how white text looks on a background with the XYZ color 41.0101, 39.4723,

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

41.0101, 39.4723, 43.9855

Protanopia

38.2202, 39.6073, 45.6750

Deuteranopia

40.2150, 39.3250, 43.9990



Tritanopia

41.2993, 39.5880, 45.5089

Trichromacy



Original Color

41.0101, 39.4723, 43.9855

Protanomaly

39.3105, 39.6367, 45.1139

Deuteranomaly

40.4555, 39.4489, 44.0103

Tritanomaly

41.2022, 39.5492, 44.9973

Monochromacy



Original Color

41.0101, 39.4723, 43.9855

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4848, 40.2926, 44.2243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0101, 39.4723, 43.9855 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(188, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 171)  
}
```

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(188, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.0101, 39.4723, 43.9855 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(188, 162, 171) }
```


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

```
.border{ border-color:rgb(188, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0101, 39.4723, 43.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 171) }
```

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

```
.background{ background-color: rgb(188,  
162, 171) }
```

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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