

Converting Colors

XYZ(41.9073, 43.3198, 40.3352)

Have a look what the booklet for
XYZ(41.9073, 43.3198, 40.3352)
contains.

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Color

**XYZ(41.9073, 43.3198,
40.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAEA2
RGB	186, 174, 162
RGB Percent	73%, 68%, 64%
CMY	0.2706, 0.3176, 0.3647
CMYK	0.00, 0.06, 0.13, 0.27
HSL	30°, 15%, 68%
HSV	30°, 13%, 73%
XYZ	41.9073, 43.3198, 40.3352
YIQ	176.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

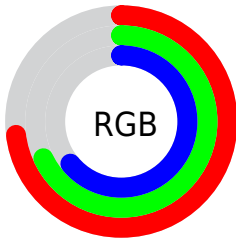
Format	Color
R_{YB}	186, 186, 162
Decimal	12234402
CIE Lab	71.77, 2.23, 7.69
CIE LCh	72, 8.009, 73.816
Yxy	43.3198, 0.3338, 0.3450
Android (android.graphics.Color)	4290424482 (0xFFBAAEA2)
YUV	176.2200, -7.0105, 8.5771
Hunter-Lab	65.8178, -1.5271, 9.7377

Details

The XYZ color **41.9073, 43.3198, 40.3352** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8991, 41.4978, 52.4144**, and the grayscale version is **41.4140, 43.5707, 47.4485**.

A 20% lighter version of the original color is **77.1616, 79.9256, 77.0060**, and **19.4469, 20.0314, 17.5933** is the 20% darker color. If you saturate the color by 10%, you get **38.6406, 39.2393, 31.6836**, and if you desaturate by 10%, it is **45.5453, 47.7506, 50.3182**.

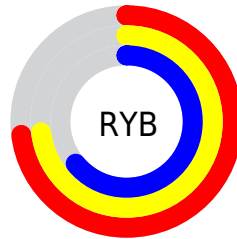
Distribution



Red (73%)

Green (68%)

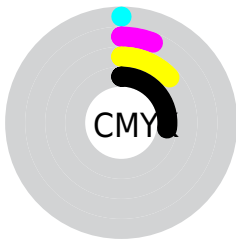
Blue (64%)



Red (73%)

Yellow (73%)

Blue (64%)

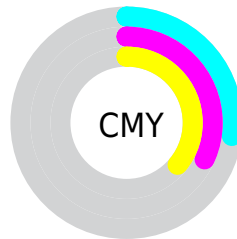


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9073, 43.3198, 40.3352 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 41.9073, 43.3198, 40.3352 by changing the saturation by 10% instead.

■ 41.9073, 43.3198,
40.3352

■ 41.9073, 43.3198,
40.3352

345.0967,
359.9253, 363.1284

■ 29.2195, 30.1361,
27.4842

■ 77.3254, 80.1932,
76.9163

■ 19.3921, 19.9419,
17.7016

■ 100.7863,
104.6518, 101.4836

■ 12.0596, 12.3528,
10.5687

128.5691,
133.6374, 130.7933

■ 6.8568, 6.9845,
5.6671

161.0389,
167.5344, 165.2641

■ 3.4182, 3.4524,
2.5783

198.5612,
206.7274, 205.3144

■ 1.3786, 1.3722,
0.8812

241.5014,

■ 0.2409, 0.1961,

251.6006, 251.3629

0.0000

290.2248,
302.5384, 303.8280

■ 0.0000, 0.0000,
0.0000

■ 41.9073, 43.3198,
40.3352

■ 41.9073, 43.3198,
40.3352

■ 38.6406, 39.2393,
31.6836

■ 45.5453, 47.7506,
50.3182

■ 35.7285, 35.4942,
24.3035

■ 49.5635, 52.5350,
61.6835

■ 33.1581, 32.0765,
18.1343

■ 53.9750, 57.6832,
74.4827

■ 30.9143, 28.9761,
13.1097

■ 58.7910, 63.2035,
88.7640

■ 28.9805, 26.1818,
9.1565

■ 64.0221, 69.1036,
104.5718

■ 27.3387, 23.6819,
6.1933

■ 66.5378, 74.1350,
105.4103

■ 25.9684, 21.4634,
4.1265

■ 69.1914, 79.4422,
106.2949

■ 24.8452, 19.5116,
2.8442

■ 71.9851, 85.0296,
107.2261

■ 24.1667, 18.2728,
2.2533

■ 74.0599, 89.1792,
107.9177

Harmonies

Analogous

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



43.0899, 43.3198, 42.1707



41.9073, 43.3198, 40.3352



40.5529, 43.3198, 40.2631

Triad

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



41.9073, 43.3198, 40.3352



38.6868, 43.3198, 48.9790



43.0112, 43.3198, 52.7805

Complementary

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



41.9073, 43.3198, 40.3352



38.8991, 41.4978, 52.4144

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.



41.8018, 43.3198, 54.8202



41.9073, 43.3198, 40.3352



39.3160, 43.3198, 52.5450

Square

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



41.9073, 43.3198, 40.3352



38.7136, 43.3198, 45.1112



40.4496, 43.3198, 54.7317



43.7368, 43.3198, 49.2861

Rectangle

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



41.9073, 43.3198, 40.3352



39.7360, 43.3198, 41.2156



40.4496, 43.3198, 54.7317



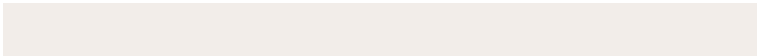
42.6466, 43.3198, 53.6674

Sweetspot

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



41.9085, 43.3217, 40.3361



81.7510, 85.5836, 88.9722



40.8105, 39.3363, 45.4866



17.8890, 18.7093, 19.2769



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.



41.9085, 43.3217, 40.3361



74.5127, 76.7314, 69.2202



44.3306, 48.1660, 41.1435



9.3657, 9.7344, 9.4922



16.3334, 12.4432, 1.5409



0.6377, 0.5624, 0.0750

Inverse Universe

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



38.8991, 41.4978, 52.4144



68.1700, 72.8872, 94.6771



36.6841, 37.0678, 51.6761



8.8820, 9.4412, 11.4336



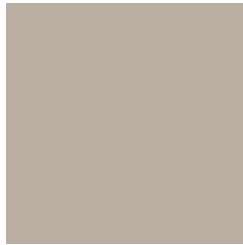
8.6695, 7.7987, 32.3014



0.3675, 0.3987, 1.1593

Previews

White Background



This preview shows how the XYZ color 41.9073, 43.3198, 40.3352 looks on a white background.

Color Contrast Check

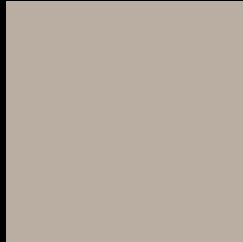
Large Text (above 18pt) WCAG AA × Fail

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 41.9073, 43.3198, 40.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

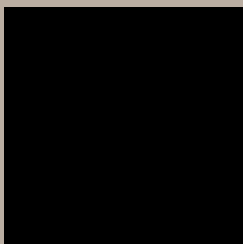
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

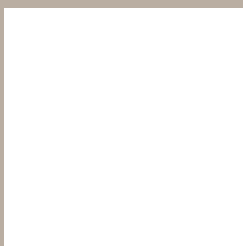
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9073, 43.3198, 40.3352

Background



This preview shows how black text looks on a background with the XYZ color 41.9073, 43.3198, 40.3352.

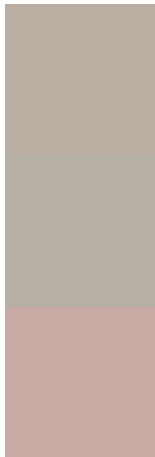


This preview shows how white text looks on a background with the XYZ color 41.9073, 43.3198,

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

41.9073, 43.3198, 40.3352

Protanopia

41.2322, 43.2494, 40.8251

Deuteranopia

44.2743, 43.3996, 40.6938



Tritanopia

44.2009, 43.4053, 51.3958

Trichromacy



Original Color

41.9073, 43.3198, 40.3352

Protanomaly

41.4693, 43.3716, 40.8362

Deuteranomaly

43.4219, 43.2395, 40.7078

Tritanomaly

43.3280, 43.3310, 47.1544

Monochromacy



Original Color

41.9073, 43.3198, 40.3352

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5030, 43.3035, 44.6990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9073, 43.3198, 40.3352 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(186, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 162)  
}
```

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(186, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.9073, 43.3198, 40.3352 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(186, 174, 162) }
```


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

```
.border{ border-color:rgb(186, 174, 162) }
```

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

Here you see how a box with a 4 pixel rgb(186, 174, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9073, 43.3198, 40.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 162) }
```

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

```
.background{ background-color: rgb(186,  
174, 162) }
```

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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