

Converting Colors

XYZ(41.6922, 43.3673, 41.9370)

Have a look what the booklet for
XYZ(41.6922, 43.3673, 41.9370)
contains.

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Color

**XYZ(41.6499, 43.4438,
41.7876)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AFA5
RGB	183, 175, 165
RGB Percent	72%, 69%, 65%
CMY	0.2824, 0.3137, 0.3529
CMYK	0.00, 0.04, 0.10, 0.28
HSL	33°, 11%, 68%
HSV	33°, 10%, 72%
XYZ	41.6499, 43.4438, 41.7876
YIQ	176.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

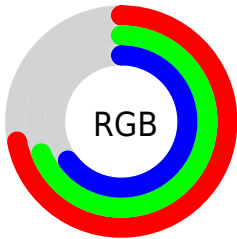
Format	Color
RYB	179, 183, 165
Decimal	12038053
CIELab	71.86, 1.09, 6.13
CIElCh	72, 6.228, 79.913
Yxy	43.4438, 0.3283, 0.3424
Android (android.graphics.Color)	4290228133 (0xFFB7AFA5)
YUV	176.2520, -5.5472, 5.9180
Hunter-Lab	65.9119, -2.5513, 8.5490

Details

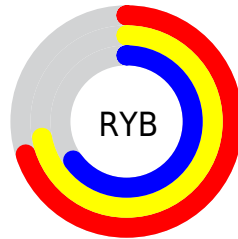
The XYZ color **41.6499, 43.4438, 41.7876** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0077, 41.3046, 50.7168**, and the grayscale version is **41.4244, 43.5817, 47.4605**.

A 20% lighter version of the original color is **76.8117, 80.1117, 79.1248**, and **19.2695, 20.1040, 18.4876** is the 20% darker color. If you saturate the color by 10%, you get **38.5674, 39.7561, 33.1220**, and if you desaturate by 10%, it is **45.0685, 47.4212, 51.7422**.

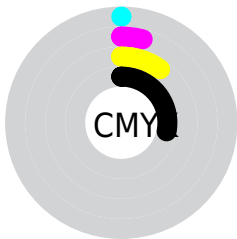
Distribution



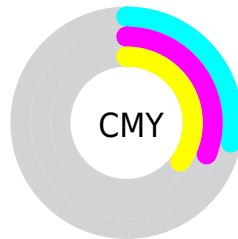
- Red (72%)
- Green (69%)
- Blue (65%)



- Red (70%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6499, 43.4438, 41.7876 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 41.6499, 43.4438, 41.7876 by changing the saturation by 10% instead.


 41.6499, 43.4438,
41.7876


 41.6499, 43.4438,
41.7876


344.0460,
360.4337, 369.3754

 29.0172, 30.2335,
28.6107


 76.9380, 80.3801,
79.1447

 19.2382, 20.0159,
18.5435


 100.3240,
104.8750, 104.1619

 11.9475, 12.4066,
11.1674


128.0252,
133.9001, 133.9630

 6.7799, 7.0212,
6.0640

160.4069,
167.8398, 168.9665

 3.3699, 3.4754,
2.8146

197.8345,
207.0787, 209.5910

 1.3523, 1.3847,
1.0008

240.6733,

 0.2218, 0.2054,

252.0011, 256.2549

0.0000

289.2887,
302.9913, 309.3769

■ 0.0000, 0.0000,
0.0000

■ 41.6499, 43.4438,
41.7876

■ 41.6499, 43.4438,
41.7876

■ 38.5674, 39.7561,
33.1220

■ 45.0685, 47.4212,
51.7422

■ 35.8057, 36.3451,
25.6889

■ 48.8306, 51.6897,
63.0335

■ 33.3533, 33.2049,
19.4320

■ 52.9480, 56.2578,
75.7099

■ 31.1970, 30.3273,
14.2892

■ 57.4308, 61.1321,
89.8170

■ 29.3222, 27.7037,
10.1927

■ 62.0458, 66.2217,
104.1197

■ 27.7128, 25.3246,
7.0672

■ 64.1761, 70.4823,
104.8297

■ 26.3507, 23.1798,
4.8274

■ 66.4108, 74.9517,
105.5746

■ 25.2150, 21.2576,
3.3725

■ 68.7513, 79.6328,
106.3548

■ 24.2655, 19.5386,
2.5010

■ 71.1991, 84.5284,
107.1708

Harmonies

Analogous

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



42.6180, 43.4438, 42.9778



41.6499, 43.4438, 41.7876



40.6020, 43.4438, 42.0262

Triad

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



41.6499, 43.4438, 41.7876



39.4059, 43.4438, 49.3182



42.8705, 43.4438, 51.1607

Complementary

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



41.6499, 43.4438, 41.7876



39.0077, 41.3046, 50.7168

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.



41.9898, 43.4438, 53.0038



41.6499, 43.4438, 41.7876



39.9939, 43.4438, 51.9089

Square

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



41.6499, 43.4438, 41.7876



39.3184, 43.4438, 46.2883



40.9362, 43.4438, 53.2833



43.3306, 43.4438, 48.3323

Rectangle

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



41.6499, 43.4438, 41.7876



39.9985, 43.4438, 42.9671



40.9362, 43.4438, 53.2833



42.6131, 43.4438, 51.9211

Sweetspot

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



41.6511, 43.4457, 41.7885



78.6829, 82.5851, 86.6825



40.5366, 39.9991, 45.1705



17.2682, 18.1125, 18.8225



88.6918, 93.3107, 101.6153



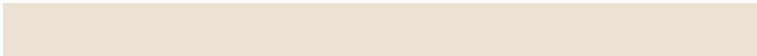
17.8044, 18.7317, 20.3988

Same Dimension

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



41.6511, 43.4457, 41.7885



73.2379, 76.2031, 70.9705



43.0405, 46.5413, 42.3128



9.4073, 9.8176, 9.5061



16.9870, 13.7503, 1.7588



0.6595, 0.6061, 0.0822

Inverse Universe

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



39.0077, 41.3046, 50.7168



67.4603, 71.5233, 90.4856



37.7079, 38.4260, 50.2297



8.8407, 9.3586, 11.4199



8.0972, 6.6540, 32.1107



0.3473, 0.3583, 1.1526

Previews

White Background



This preview shows how the XYZ color 41.6499, 43.4438, 41.7876 looks on a white background.

Color Contrast Check

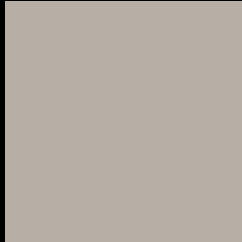
Large Text (above 18pt) WCAG AA × Fail

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 41.6499, 43.4438, 41.7876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

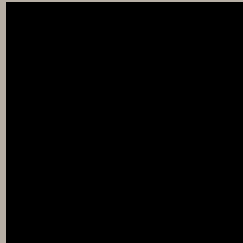
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6499, 43.4438, 41.7876

Background



This preview shows how black text looks on a background with the XYZ color 41.6499, 43.4438, 41.7876.



This preview shows how white text looks on a background with the XYZ color 41.6499, 43.4438,

41.7876.

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

41.6499, 43.4438, 41.7876

Protanopia

41.4129, 43.3216, 41.7765

Deuteranopia

44.2836, 43.3729, 42.1142



Tritanopia

43.7592, 43.4469, 51.9787

Trichromacy



Original Color

41.6499, 43.4438, 41.7876

Protanomaly

41.4129, 43.3216, 41.7765

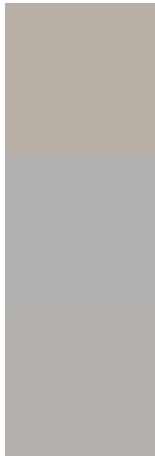
Deuteranomaly

43.3737, 43.4647, 42.1799

Tritanomaly

42.9870, 43.4158, 48.2339

Monochromacy



Original Color

41.6499, 43.4438, 41.7876

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5621, 43.6129, 45.2573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6499, 43.4438, 41.7876 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(183, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 165)  
}
```

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(183, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.6499, 43.4438, 41.7876 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(183, 175, 165) }
```


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

```
.border{ border-color:rgb(183, 175, 165) }
```

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

Here you see how a box with a 4 pixel rgb(183, 175, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6499, 43.4438, 41.7876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 165) }
```

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

```
.background{ background-color: rgb(183,  
175, 165) }
```

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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