

Converting Colors

XYZ(42.4215, 43.1462, 40.7434)

Have a look what the booklet for
XYZ(42.4215, 43.1462, 40.7434)
contains.

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Color

**XYZ(42.5407, 43.3503,
40.7756)**

Conversions

Conversions Part 1

Format	Color
Hex	BDADA3
RGB	189, 173, 163
RGB Percent	74%, 68%, 64%
CMY	0.2588, 0.3216, 0.3608
CMYK	0.00, 0.08, 0.14, 0.26
HSL	23°, 16%, 69%
HSV	23°, 14%, 74%
XYZ	42.5407, 43.3503, 40.7756
YIQ	176.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

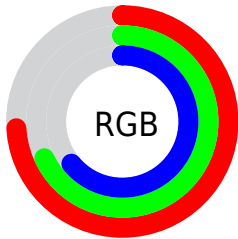
Format	Color
RYB	189, 179, 163
Decimal	12430755
CIELab	71.79, 4.05, 7.21
CIElCh	72, 8.267, 60.656
Yxy	43.3503, 0.3358, 0.3422
Android (android.graphics.Color)	4290620835 (0xFFBDADA3)
YUV	176.6440, -6.7265, 10.8362
Hunter-Lab	65.8409, 0.1095, 9.3701

Details

The XYZ color **42.5407, 43.3503, 40.7756** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4095, 43.7000, 54.4497**, and the grayscale version is **41.6337, 43.8019, 47.7003**.

A 20% lighter version of the original color is **78.0545, 79.9612, 77.6498**, and **19.8600, 20.0567, 17.8635** is the 20% darker color. If you saturate the color by 10%, you get **38.8390, 38.4571, 31.8020**, and if you desaturate by 10%, it is **46.6920, 48.7367, 51.1487**.

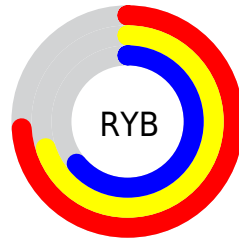
Distribution



Red (74%)

Green (68%)

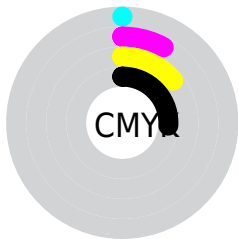
Blue (64%)



Red (74%)

Yellow (70%)

Blue (64%)

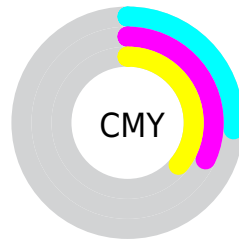


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5407, 43.3503, 40.7756 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 42.5407, 43.3503, 40.7756 by changing the saturation by 10% instead.


 42.5407, 43.3503,
40.7756


 42.5407, 43.3503,
40.7756


347.6731,
360.0504, 365.0307

 29.7179, 30.1601,
27.8254

 78.2773, 80.2392,
77.5931

 19.7715, 19.9601,
17.9562


 101.9219,
104.7067, 102.2975

 12.3364, 12.3661,
10.7494

129.9043,
133.7020, 131.7570

 7.0470, 6.9935,
5.7866

162.5901,
167.6096, 166.3902

 3.5381, 3.4580,
2.6490

200.3445,
206.8138, 206.6156

 1.4443, 1.3753,
0.9176

243.5329,

 0.2875, 0.1984,

251.6991, 252.8518

0.0000

292.5206,
302.6498, 305.5173

■ 0.0000, 0.0000,
0.0000

■ 42.5407, 43.3503,
40.7756

■ 42.5407, 43.3503,
40.7756

■ 38.8390, 38.4571,
31.8020

■ 46.6920, 48.7367,
51.1487

■ 35.5672, 34.0372,
24.1647

■ 51.3046, 54.6243,
62.9754

■ 32.7094, 30.0772,
17.7994

■ 56.3941, 61.0282,
76.3104

■ 30.2471, 26.5614,
12.6356

■ 61.9744, 67.9608,
91.2044

■ 28.1604, 23.4728,
8.5958

■ 67.6532, 75.2723,
105.5711

■ 26.4273, 20.7932,
5.5933

■ 71.0194, 82.0048,
106.6931

■ 25.0231, 18.5027,
3.5283

■ 74.6060, 89.1780,
107.8887

■ 23.9187, 16.5792,
2.2809

■ 74.7965, 89.5589,
107.9521

■ 23.3506, 15.5471,
1.7702

Harmonies

Analogous

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



43.5701, 43.3503, 43.3667



42.5407, 43.3503, 40.7756



41.1723, 43.3503, 39.8826

Triad

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



42.5407, 43.3503, 40.7756



38.5615, 43.3503, 47.2897



42.5954, 43.3503, 54.1714

Complementary

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



42.5407, 43.3503, 40.7756



40.4095, 43.7000, 54.4497

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.



41.2341, 43.3503, 55.3642



42.5407, 43.3503, 40.7756



38.9236, 43.3503, 51.2552

Square

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



42.5407, 43.3503, 40.7756



38.8938, 43.3503, 43.5117



39.8940, 43.3503, 54.2685



43.6022, 43.3503, 51.0933

Rectangle

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



42.5407, 43.3503, 40.7756



40.2579, 43.3503, 40.3281



39.8940, 43.3503, 54.2685



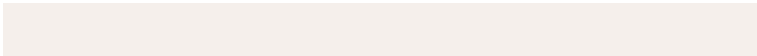
42.1631, 43.3503, 54.8137

Sweetspot

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



42.5419, 43.3522, 40.7765



83.3838, 86.9768, 90.9967



42.2240, 40.2698, 48.2134



17.8049, 18.5412, 19.2489



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.



42.5419, 43.3522, 40.7765



73.7705, 74.4624, 67.0995



45.1495, 48.5674, 41.6457



9.8230, 10.1220, 10.0127



15.7799, 10.5986, 1.2140



0.6818, 0.5426, 0.0688

Inverse Universe

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



40.4095, 43.7000, 54.4497



69.0904, 75.2241, 97.1045



37.9324, 38.7458, 53.6240



9.4919, 10.1761, 12.1361



10.4799, 11.0715, 33.9776



0.4720, 0.5567, 1.3514

Previews

White Background



This preview shows how the XYZ color 42.5407, 43.3503, 40.7756 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 42.5407, 43.3503, 40.7756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

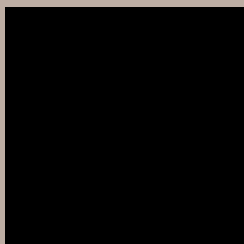
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

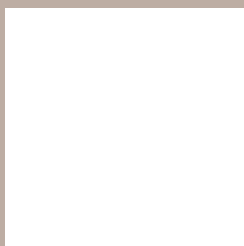
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5407, 43.3503, 40.7756

Background



This preview shows how black text looks on a background with the XYZ color 42.5407, 43.3503, 40.7756.

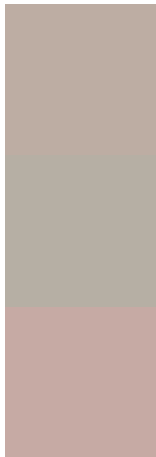


This preview shows how white text looks on a background with the XYZ color 42.5407, 43.3503,

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

42.5407, 43.3503, 40.7756

Protanopia

41.3222, 43.2854, 41.2990

Deuteranopia

44.3643, 43.4356, 41.1676



Tritanopia

44.6602, 43.3748, 50.8181

Trichromacy



Original Color

42.5407, 43.3503, 40.7756

Protanomaly

41.8445, 43.2667, 41.2678

Deuteranomaly

43.7694, 43.4083, 41.1937

Tritanomaly

43.8852, 43.3368, 47.1261

Monochromacy



Original Color

42.5407, 43.3503, 40.7756

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0278, 43.8530, 45.2791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5407, 43.3503, 40.7756 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(189, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 163)  
}
```

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(189, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 163) }
```

Border

The CSS property to change the border of an element to XYZ 42.5407, 43.3503, 40.7756 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(189, 173, 163) }
```


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

```
.border{ border-color:rgb(189, 173, 163) }
```

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

Here you see how a box with a 4 pixel rgb(189, 173, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5407, 43.3503, 40.7756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 163) }
```

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

```
.background{ background-color: rgb(189,  
173, 163) }
```

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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