

Converting Colors

XYZ(41.5266, 42.8510, 35.4005)

Have a look what the booklet for
XYZ(41.5266, 42.8510, 35.4005)
contains.

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Color

**XYZ(41.5157, 42.9403,
35.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAD97
RGB	189, 173, 151
RGB Percent	74%, 68%, 59%
CMY	0.2588, 0.3215, 0.4078
CMYK	0.00, 0.08, 0.20, 0.26
HSL	35°, 22%, 67%
HSV	35°, 20%, 74%
XYZ	41.5157, 42.9403, 35.3784
YIQ	175.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

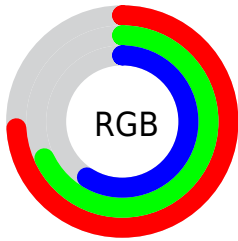
Format	Color
R _{YB}	179, 189, 151
Decimal	12430743
CIE Lab	71.51, 2.15, 13.39
CIE LCh	72, 13.563, 80.874
Yxy	42.9403, 0.3464, 0.3583
Android (android.graphics.Color)	4290620823 (0xFFBDAD97)
YUV	175.2760, -11.9681, 12.0359
Hunter-Lab	65.5288, -1.5871, 13.8601

Details

The XYZ color **41.5157, 42.9403, 35.3784** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7663, 37.8899, 53.5727**, and the grayscale version is **40.9455, 43.0778, 46.9118**.

A 20% lighter version of the original color is **76.7689, 79.4874, 69.0541**, and **19.1293, 19.7457, 14.8597** is the 20% darker color. If you saturate the color by 10%, you get **38.6221, 39.4155, 27.4386**, and if you desaturate by 10%, it is **44.7486, 46.7492, 44.6464**.

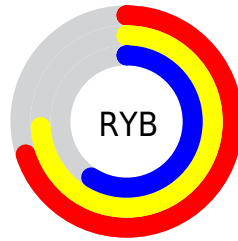
Distribution



Red (74%)

Green (68%)

Blue (59%)



Red (70%)

Yellow (74%)

Blue (59%)

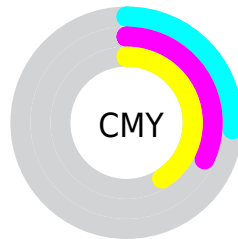


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5157, 42.9403, 35.3784 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 41.5157, 42.9403, 35.3784 by changing the saturation by 10% instead.


 41.5157, 42.9403,
35.3784

 41.5157, 42.9403,
35.3784


343.4973,
358.3662, 341.1903

 28.9117, 29.8383,
23.6686


 76.7359, 79.6208,
69.2298

 19.1580, 19.7159,
14.8781


 100.0828,
103.9680, 92.2084

 11.8892, 12.1887,
8.5882


127.7414,
132.8324, 119.7805

 6.7399, 6.8723,
4.3804


160.0771,
166.5984, 152.3644

 3.3449, 3.3824,
1.8363

197.4551,
205.6504, 190.3789

 1.3386, 1.3345,
0.4517

240.2410,

 0.2119, 0.1677,

250.3728, 234.2423

0.0000

288.7999,
301.1499, 284.3733

■ 0.0000, 0.0000,
0.0000

■ 41.5157, 42.9403,
35.3784

■ 41.5157, 42.9403,
35.3784

■ 38.6221, 39.4155,
27.4386

■ 44.7486, 46.7492,
44.6464

■ 36.0510, 36.1610,
20.7620

■ 48.3298, 50.8437,
55.2978

■ 33.7894, 33.1707,
15.2824

■ 52.2721, 55.2329,
67.3882

■ 31.8217, 30.4356,
10.9263

■ 56.5868, 59.9235,
80.9690

■ 30.1308, 27.9461,
7.6121

■ 61.2845, 64.9222,
96.0895

■ 28.6975, 25.6917,
5.2467

■ 64.8243, 69.6147,
104.6281

■ 27.4992, 23.6606,
3.7204

■ 66.9717, 73.9095,
105.3439

■ 26.5021, 21.8505,
2.8207

■ 69.2199, 78.4060,
106.0933

■ 71.5703, 83.1068,
106.8768

Harmonies

Analogous

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



43.6550, 42.9403, 37.6401



41.5157, 42.9403, 35.3784



39.2649, 42.9403, 35.9359

Triad

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



41.5157, 42.9403, 35.3784



36.8367, 42.9403, 51.3925



44.3248, 42.9403, 55.1705

Complementary

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



41.5157, 42.9403, 35.3784



35.7663, 37.8899, 53.5727

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.



42.4023, 42.9403, 59.5523



41.5157, 42.9403, 35.3784



38.0980, 42.9403, 57.2333

Square

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



41.5157, 42.9403, 35.3784



36.6193, 42.9403, 44.7833



40.1192, 42.9403, 60.3406



45.3162, 42.9403, 48.7830

Rectangle

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



41.5157, 42.9403, 35.3784



37.9998, 42.9403, 37.8544



40.1192, 42.9403, 60.3406



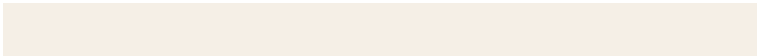
43.7627, 42.9403, 56.9509

Sweetspot

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



41.5168, 42.9422, 35.3793



82.6396, 86.6050, 87.3063



39.0716, 35.7599, 41.6293



17.6828, 18.5224, 18.5127



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.



41.5168, 42.9422, 35.3793



72.0657, 74.1461, 56.9945



44.1470, 49.1274, 36.4345



9.9765, 10.4291, 10.0638



17.9083, 14.8555, 1.9235



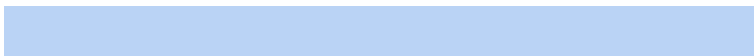
0.7649, 0.7087, 0.0965

Inverse Universe

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



35.7663, 37.8899, 53.5727



59.9518, 63.5045, 95.3240



33.4902, 32.6323, 52.6778



9.3377, 9.8677, 12.0847



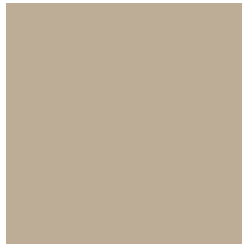
8.1608, 6.4333, 33.2045



0.3845, 0.3816, 1.3223

Previews

White Background



This preview shows how the XYZ color 41.5157, 42.9403, 35.3784 looks on a white background.

Color Contrast Check

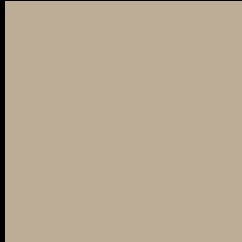
Large Text (above 18pt) WCAG AA × Fail

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 41.5157, 42.9403, 35.3784 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 41.5157, 42.9403, 35.3784

Background



This preview shows how black text looks on a background with the XYZ color 41.5157, 42.9403, 35.3784.



This preview shows how white text looks on a background with the XYZ color 41.5157, 42.9403,

35.3784.

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

41.5157, 42.9403, 35.3784

Protanopia

40.7646, 43.1173, 35.8797

Deuteranopia

43.9429, 43.0604, 35.7012



Tritanopia

44.6238, 43.0908, 50.2214

Trichromacy



Original Color

41.5157, 42.9403, 35.3784

Protanomaly

41.0532, 42.9782, 35.8376

Deuteranomaly

43.0682, 42.8868, 35.7138

Tritanomaly

43.4636, 42.8962, 44.5171

Monochromacy



Original Color

41.5157, 42.9403, 35.3784

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8414, 42.7286, 42.1713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5157, 42.9403, 35.3784 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 151) }
```

Border

The CSS property to change the border of an element to XYZ 41.5157, 42.9403, 35.3784 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, 151) }
```


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

```
.border{ border-color:rgb(189, 173, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5157, 42.9403, 35.3784 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, 151) }
```

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

```
.background{ background-color: rgb(189,  
173, 151) }
```

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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