

Converting Colors

XYZ(42.5338, 48.3856, 32.2969)

Have a look what the booklet for
XYZ(42.5338, 48.3856, 32.2969)
contains.

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Color

**XYZ(42.5338, 48.3856,
32.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BD8D
RGB	183, 189, 141
RGB Percent	72%, 74%, 55%
CMY	0.2824, 0.2588, 0.4471
CMYK	0.03, 0.00, 0.25, 0.26
HSL	68°, 27%, 65%
HSV	68°, 25%, 74%
XYZ	42.5338, 48.3856, 32.2969
YIQ	181.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

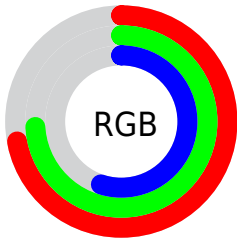
Format	Color
RYB	141, 189, 147
Decimal	12041613
CIELab	75.07, -10.09, 23.63
CIELCh	75, 25.694, 113.117
Yxy	48.3856, 0.3452, 0.3927
Android (android.graphics.Color)	4290231693 (0xFFB7BD8D)
YUV	181.7340, -20.0819, 1.1103
Hunter-Lab	69.5598, -12.5819, 21.1632

Details

The XYZ color **42.5338, 48.3856, 32.2969** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.7447, 28.9282, 52.1101**, and the grayscale version is **44.4211, 46.7344, 50.8938**.

A 20% lighter version of the original color is **78.0993, 87.5957, 64.4211**, and **19.8555, 23.0923, 13.0836** is the 20% darker color. If you saturate the color by 10%, you get **40.6887, 47.5848, 25.4855**, and if you desaturate by 10%, it is **44.6309, 49.2916, 40.3748**.

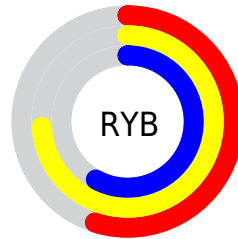
Distribution



Red (72%)

Green (74%)

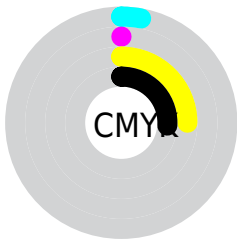
Blue (55%)



Red (55%)

Yellow (74%)

Blue (58%)

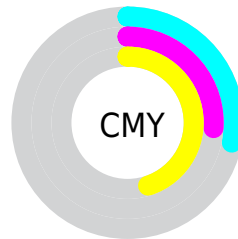


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (26%)



Cyan (28%)


Magenta (26%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5338, 48.3856, 32.2969 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 42.5338, 48.3856, 32.2969 by changing the saturation by 10% instead.


 42.5338, 48.3856,
32.2969


 42.5338, 48.3856,
32.2969


347.6451,
380.3185, 327.0038

 29.7124, 34.1324,
21.3217


 78.2670, 87.7782,
64.3796

 19.7674, 22.9953,
13.1658


 101.9095,
113.6864, 86.3241

 12.3334, 14.5900,
7.4108


 129.8898,
144.2484, 112.7621

 7.0449, 8.5322,
3.6380

162.5732,
179.8485, 144.1122

 3.5368, 4.4373,
1.4289

200.3251,
220.8712, 180.7928

 1.4436, 1.9211,
0.1641

243.5108,

 0.2870, 0.5610,

267.7008, 223.2226

0.0000

292.4957,
320.7218, 271.8201

■ 0.0000, 0.0000,
0.0000

■ 42.5338, 48.3856,
32.2969

■ 42.5338, 48.3856,
32.2969

■ 40.6887, 47.5848,
25.4855

■ 44.6309, 49.2916,
40.3748

■ 39.0796, 46.8778,
19.8735

■ 46.9876, 50.3009,
49.7758

■ 37.6944, 46.2615,
15.3920

■ 49.6159, 51.4199,
60.5568

■ 36.5186, 45.7300,
11.9640

■ 52.5256, 52.6526,
72.7703

■ 35.5355, 45.2766,
9.5030

■ 55.7265, 54.0029,
86.4662

■ 34.7262, 44.8939,
7.9087

■ 59.2274, 55.4743,
101.6920

■ 34.0671, 44.5722,
7.0576

■ 59.9478, 55.8346,
102.2253

■ 33.7915, 44.4357,
6.7959

■ 60.5823, 56.1617,
102.2550

■ 61.2266, 56.4939,
102.2852

Harmonies

Analogous

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



47.0799, 48.3856, 30.9519



42.5338, 48.3856, 32.2969



39.1372, 48.3856, 38.6352

Triad

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



42.5338, 48.3856, 32.2969



40.7790, 48.3856, 76.1972



55.5502, 48.3856, 55.8446

Complementary

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



42.5338, 48.3856, 32.2969



30.7447, 28.9282, 52.1101

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.



53.5973, 48.3856, 69.7814



42.5338, 48.3856, 32.2969



44.9152, 48.3856, 82.7588

Square

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



42.5338, 48.3856, 32.2969



38.1732, 48.3856, 63.5044



49.6266, 48.3856, 80.2306



54.8049, 48.3856, 43.1678

Rectangle

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



42.5338, 48.3856, 32.2969



37.8773, 48.3856, 45.5235



49.6266, 48.3856, 80.2306



55.1833, 48.3856, 60.5578

Sweetspot

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



42.5350, 48.3878, 32.2979



82.9504, 89.5712, 84.3058



36.1673, 33.4865, 29.7573



17.6988, 19.2023, 17.5712



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.



42.5350, 48.3878, 32.2979



74.4410, 85.9048, 51.3660



37.3846, 45.7326, 32.0569



10.2016, 11.0584, 10.1734



22.7790, 29.9189, 4.5743



0.9256, 1.1891, 0.1807

Inverse Universe

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



30.7447, 28.9282, 52.1101



50.0317, 45.6113, 92.3931



35.4193, 31.3381, 52.3289



9.1245, 9.2810, 11.9827



6.4641, 2.6184, 32.5576



0.2900, 0.1215, 1.2770

Previews

White Background



This preview shows how the XYZ color 42.5338, 48.3856, 32.2969 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 42.5338, 48.3856, 32.2969 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

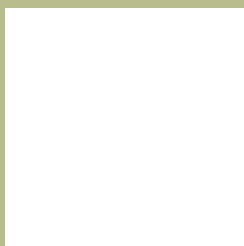
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5338, 48.3856, 32.2969

Background



This preview shows how black text looks on a background with the XYZ color 42.5338, 48.3856, 32.2969.



This preview shows how white text looks on a background with the XYZ color 42.5338, 48.3856,

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

42.5338, 48.3856, 32.2969

Protanopia

45.0894, 48.1508, 31.3437

Deuteranopia

48.9990, 48.0264, 32.6741



Tritanopia

47.9270, 48.3886, 59.0385

Trichromacy



Original Color

42.5338, 48.3856, 32.2969

Protanomaly

44.2848, 48.3487, 31.8091

Deuteranomaly

46.3082, 47.8381, 32.3842

Tritanomaly

45.6790, 48.3973, 48.0084

Monochromacy



Original Color

42.5338, 48.3856, 32.2969

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6154, 47.4330, 43.4159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5338, 48.3856, 32.2969 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, 189, 141)` looks like.

```
.text, #text, p{  
    color:rgb(183, 189, 141)  
}
```

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, 189, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 189, 141) }
```

Border

The CSS property to change the border of an element to XYZ 42.5338, 48.3856, 32.2969 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, 189, 141) }
```


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

```
.border{ border-color:rgb(183, 189, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 189, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 189, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 189, 141);  
box-shadow:4px 4px 4px 4px rgb(183, 189,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5338, 48.3856, 32.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 189, 141) }
```

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

```
.background{ background-color: rgb(183,  
189, 141) }
```

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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