

Converting Colors

XYZ(42.0218, 43.4981, 38.3217)

Have a look what the booklet for
XYZ(42.0218, 43.4981, 38.3217)
contains.

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Color

**XYZ(42.0466, 43.4321,
38.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAE9E
RGB	188, 174, 158
RGB Percent	74%, 68%, 62%
CMY	0.2627, 0.3176, 0.3804
CMYK	0.00, 0.07, 0.16, 0.26
HSL	32°, 18%, 68%
HSV	32°, 16%, 74%
XYZ	42.0466, 43.4321, 38.5149
YIQ	176.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

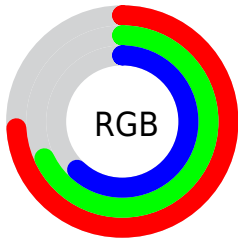
Format	Color
RYB	184, 188, 158
Decimal	12365470
CIELab	71.85, 2.33, 10.02
CIELCh	72, 10.283, 76.922
Yxy	43.4321, 0.3391, 0.3503
Android (android.graphics.Color)	4290555550 (0xFFBCAE9E)
YUV	176.3620, -9.0525, 10.2065
Hunter-Lab	65.9030, -1.4461, 11.4820

Details

The XYZ color **42.0466, 43.4321, 38.5149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9299, 40.4040, 53.3768**, and the grayscale version is **41.4976, 43.6587, 47.5443**.

A 20% lighter version of the original color is **77.3378, 80.0758, 74.3308**, and **19.6050, 20.1315, 16.7624** is the 20% darker color. If you saturate the color by 10%, you get **38.9114, 39.5561, 30.0875**, and if you desaturate by 10%, it is **45.5424, 47.6323, 48.2849**.

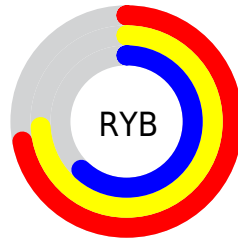
Distribution



Red (74%)

Green (68%)

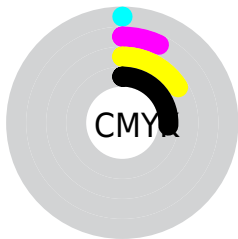
Blue (62%)



Red (72%)

Yellow (74%)

Blue (62%)

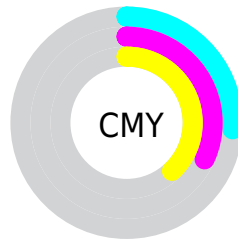


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0466, 43.4321, 38.5149 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 42.0466, 43.4321, 38.5149 by changing the saturation by 10% instead.


 42.0466, 43.4321,
38.5149


 42.0466, 43.4321,
38.5149


345.6644,
360.3858, 355.1878

 29.3290, 30.2243,
26.0776


 77.5349, 80.3625,
74.1088

 19.4754, 20.0089,
16.6554


 101.0363,
104.8539, 98.1026

 12.1203, 12.4015,
9.8298


128.8631,
133.8753, 126.7855

 6.8985, 7.0177,
5.1821

161.3805,
167.8110, 160.5763

 3.4444, 3.4732,
2.2939

198.9540,
207.0456, 199.8933

 1.3929, 1.3835,
0.7278

241.9490,

 0.2512, 0.2045,

251.9633, 245.1552

0.0000

290.7306,
302.9485, 296.7806

■ 0.0000, 0.0000,
0.0000

■ 42.0466, 43.4321,
38.5149

■ 42.0466, 43.4321,
38.5149

■ 38.9114, 39.5561,
30.0875

■ 45.5424, 47.6323,
48.2849

■ 36.1200, 35.9899,
22.9403

■ 49.4078, 52.1592,
59.4507

■ 33.6593, 32.7262,
17.0097


■ 53.6559, 57.0227,
72.0660


■ 31.5140, 29.7553,
12.2258


■ 58.2980, 62.2304,
86.1808


■ 29.6672, 27.0669,
8.5115


■ 63.3450, 67.7896,
101.8428


 28.1003, 24.6496,
5.7798


 66.1571, 72.6474,
105.1432

 26.7917, 22.4909,
3.9301

 68.6124, 77.5579,
105.9617

 25.7148, 20.5761,
2.8345

 71.1915, 82.7162,
106.8214

 25.3243, 19.8618,
2.4990

 73.8963, 88.1258,
107.7230

Harmonies

Analogous

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



43.6208, 43.4321, 40.5979



42.0466, 43.4321, 38.5149



40.3097, 43.4321, 38.6609

Triad

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



42.0466, 43.4321, 38.5149



38.1462, 43.4321, 50.1495



43.7865, 43.4321, 54.1784

Complementary

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



42.0466, 43.4321, 38.5149



37.9299, 40.4040, 53.3768

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.



42.2676, 43.4321, 57.1165



42.0466, 43.4321, 38.5149



39.0262, 43.4321, 54.6802

Square

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



42.0466, 43.4321, 38.5149



38.0909, 43.4321, 45.1440



40.5246, 43.4321, 57.3063



44.6443, 43.4321, 49.5033

Rectangle

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



42.0466, 43.4321, 38.5149



39.2933, 43.4321, 40.0003



40.5246, 43.4321, 57.3063



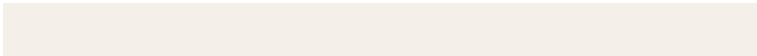
43.3344, 43.4321, 55.4159

Sweetspot

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



42.0478, 43.4340, 38.5158



83.1244, 87.0201, 89.1771



40.4127, 38.1242, 44.2589



17.7742, 18.5933, 18.8886



90.7827, 95.5105, 104.0109



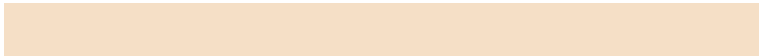
18.6292, 19.5994, 21.3438

Same Dimension

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



42.0478, 43.4340, 38.5158



74.2273, 76.2961, 64.4148



44.6486, 49.0001, 39.4531



9.9402, 10.3564, 10.0517



17.3171, 13.6729, 1.7264



0.7432, 0.6654, 0.0893

Inverse Universe

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



37.9299, 40.4040, 53.3768



65.4055, 69.8051, 96.2527



35.6026, 35.4561, 52.5444



9.3735, 9.9394, 12.0967



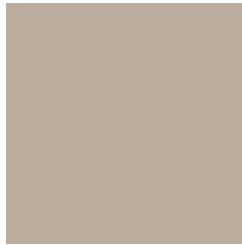
8.6129, 7.3375, 33.3552



0.4029, 0.4184, 1.3284

Previews

White Background



This preview shows how the XYZ color 42.0466, 43.4321, 38.5149 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 42.0466, 43.4321, 38.5149 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

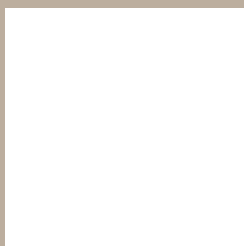
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0466, 43.4321, 38.5149

Background



This preview shows how black text looks on a background with the XYZ color 42.0466, 43.4321, 38.5149.



This preview shows how white text looks on a background with the XYZ color 42.0466, 43.4321,

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

42.0466, 43.4321, 38.5149

Protanopia

41.3118, 43.6212, 39.0432

Deuteranopia

44.1859, 43.3948, 38.8481



Tritanopia

44.5123, 43.2865, 51.3565

Trichromacy



Original Color

42.0466, 43.4321, 38.5149

Protanomaly

41.5956, 43.4774, 39.0006

Deuteranomaly

43.3266, 43.2311, 38.8618

Tritanomaly

43.5360, 43.1681, 46.5951

Monochromacy



Original Color

42.0466, 43.4321, 38.5149

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3138, 43.2278, 43.7024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0466, 43.4321, 38.5149 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(188, 174, 158)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 158)  
}
```

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(188, 174, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.0466, 43.4321, 38.5149 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(188, 174, 158) }
```


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

```
.border{ border-color:rgb(188, 174, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 158);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0466, 43.4321, 38.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 158) }
```

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

```
.background{ background-color: rgb(188,  
174, 158) }
```

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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