

Converting Colors

XYZ(42.5613, 41.0398, 45.0302)

Have a look what the booklet for
XYZ(42.5613, 41.0398, 45.0302)
contains.

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Color

**XYZ(42.4838, 41.0038,
45.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA5AD
RGB	191, 165, 173
RGB Percent	75%, 65%, 68%
CMY	0.2510, 0.3529, 0.3216
CMYK	0.00, 0.14, 0.09, 0.25
HSL	342°, 17%, 70%
HSV	342°, 14%, 75%
XYZ	42.4838, 41.0038, 45.2105
YIQ	173.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

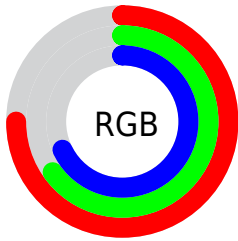
Format	Color
R _Y B	191, 165, 173
Decimal	12559789
CIE Lab	70.18, 10.84, -0.62
CIE LCh	70, 10.853, 356.707
Yxy	41.0038, 0.3301, 0.3186
Android (android.graphics.Color)	4290749869 (0xFFBFA5AD)
YUV	173.6860, -0.3382, 15.1844
Hunter-Lab	64.0342, 6.3668, 2.9630

Details

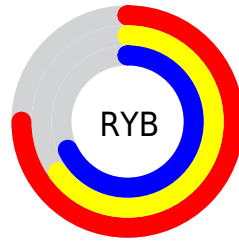
The XYZ color **42.4838, 41.0038, 45.2105** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6967, 48.6808, 51.9482**, and the grayscale version is **40.0691, 42.1558, 45.9076**.

A 20% lighter version of the original color is **78.3082, 76.7443, 84.0846**, and **19.6728, 18.5091, 20.6249** is the 20% darker color. If you saturate the color by 10%, you get **38.0758, 34.1351, 37.7370**, and if you desaturate by 10%, it is **47.5353, 48.9558, 53.5245**.

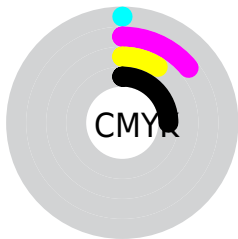
Distribution



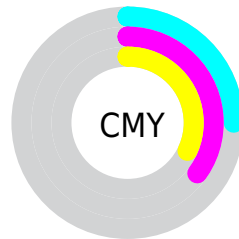
- Red (75%)
- Green (65%)
- Blue (68%)



- Red (75%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (25%)





- Cyan (25%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4838, 41.0038, 45.2105 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 42.4838, 41.0038, 45.2105 by changing the saturation by 10% instead.


 42.4838, 41.0038,
45.2105


 42.4838, 41.0038,
45.2105


347.4422,
350.3365, 383.8104

 29.6731, 28.3221,
31.2791


 78.1919, 76.6897,
84.3580

 19.7374, 18.5686,
20.5512


 101.8200,
100.4626, 110.4112

 12.3115, 11.3590,
12.6083


129.7845,
128.7013, 141.3420

 7.0299, 6.3088,
7.0319

162.4509,
161.7903, 177.5691

 3.5273, 3.0338,
3.4033

200.1846,
200.1139, 219.5109

 1.4383, 1.1494,
1.3041

243.3507,

 0.2833, 0.0198,

244.0566, 267.5861

0.0651

292.3148,
294.0026, 322.2130

■ 0.0000, 0.0000,
0.0000

■ 42.4838, 41.0038,
45.2105

■ 42.4838, 41.0038,
45.2105

■ 38.0758, 34.1351,
37.7370

■ 47.5353, 48.9558,
53.5245

■ 34.2815, 28.2973,
31.0746

■ 53.2517, 58.0297,
62.7019

■ 31.0737, 23.4419,
25.1956

■ 59.6575, 68.2688,
72.7682

■ 28.4219, 19.5141,
20.0701

■ 66.7752, 79.7127,
83.7468

■ 26.2927, 16.4540,
15.6660

■ 72.8446, 88.8359,
95.0665

■ 24.6488, 14.1943,
11.9485

■ 74.8724, 89.6470,
105.7445

■ 23.4478, 12.6579,
8.8797

■ 75.2960, 89.8165,
107.9755

■ 22.6392, 11.7521,
6.4171

■ 22.2690, 11.3897,
5.1287

Harmonies

Analogous

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



41.8986, 41.0038, 50.2347



42.4838, 41.0038, 45.2105



42.1049, 41.0038, 40.3920

Triad

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



42.4838, 41.0038, 45.2105



37.4577, 41.0038, 36.4643



37.1276, 41.0038, 53.3334

Complementary

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



42.4838, 41.0038, 45.2105



42.6967, 48.6808, 51.9482

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.



36.0002, 41.0038, 49.1891



42.4838, 41.0038, 45.2105



36.1866, 41.0038, 39.4883

Square

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



42.4838, 41.0038, 45.2105



39.1694, 41.0038, 35.5738



35.6609, 41.0038, 44.0866



38.7770, 41.0038, 55.1431

Rectangle

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



42.4838, 41.0038, 45.2105



41.3627, 41.0038, 37.8971



35.6609, 41.0038, 44.0866



36.6770, 41.0038, 52.1525

Sweetspot

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



42.4850, 41.0056, 45.2114



84.7002, 86.9916, 95.1544



42.3335, 40.7125, 54.9177



18.4398, 18.8504, 20.6352



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.4850, 41.0056, 45.2114



73.8934, 70.0040, 77.2912



42.6098, 42.4568, 41.5488



9.6478, 9.5834, 10.5342



14.6669, 7.4979, 3.5393



0.6047, 0.3058, 0.2974

Inverse Universe

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



42.4850, 41.0056, 45.2114



73.8934, 70.0040, 77.2912



42.5305, 46.9783, 56.1168



9.6478, 9.5834, 10.5342



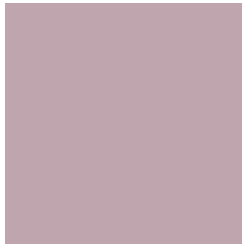
14.6669, 7.4979, 3.5393



0.6047, 0.3058, 0.2974

Previews

White Background



This preview shows how the XYZ color 42.4838, 41.0038, 45.2105 looks on a white background.

Color Contrast Check

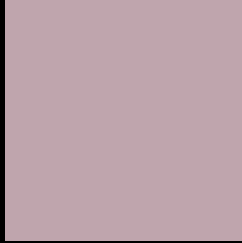
Large Text (above 18pt) WCAG AA × Fail

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 42.4838, 41.0038, 45.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

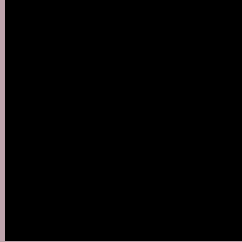
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4838, 41.0038, 45.2105

Background



This preview shows how black text looks on a background with the XYZ color 42.4838, 41.0038, 45.2105.



This preview shows how white text looks on a background with the XYZ color 42.4838, 41.0038,

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

42.4838, 41.0038, 45.2105

Protanopia

39.6330, 41.1446, 46.9271

Deuteranopia

41.9181, 40.9809, 45.2360



Tritanopia

42.9495, 40.9317, 47.2319

Trichromacy



Original Color

42.4838, 41.0038, 45.2105

Protanomaly

40.7482, 41.1744, 46.3572

Deuteranomaly

42.1653, 41.1084, 45.2475

Tritanomaly

42.8502, 40.8920, 46.7088

Monochromacy



Original Color

42.4838, 41.0038, 45.2105

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.0253, 41.8851, 45.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4838, 41.0038, 45.2105 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(191, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 173)  
}
```

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(191, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 173) }
```

Border

The CSS property to change the border of an element to XYZ 42.4838, 41.0038, 45.2105 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(191, 165, 173) }
```


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

```
.border{ border-color:rgb(191, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 165, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 165, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 165,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4838, 41.0038, 45.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 173) }
```

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

```
.background{ background-color: rgb(191,  
165, 173) }
```

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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