

Converting Colors

XYZ(41.6721, 39.8428, 45.7648)

Have a look what the booklet for
XYZ(41.6721, 39.8428, 45.7648)
contains.

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Color

**XYZ(41.5466, 39.7155,
45.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA2AE
RGB	189, 162, 174
RGB Percent	74%, 64%, 68%
CMY	0.2588, 0.3647, 0.3176
CMYK	0.00, 0.14, 0.08, 0.26
HSL	333°, 17%, 69%
HSV	333°, 14%, 74%
XYZ	41.5466, 39.7155, 45.5205
YIQ	171.4410, 12.2400, 9.4560

Conversions

Conversions Part 2

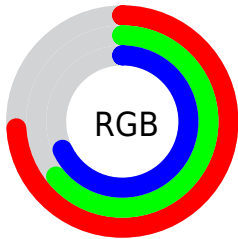
Format	Color
RYB	189, 162, 174
Decimal	12427950
CIELab	69.27, 11.93, -2.54
CIElCh	69, 12.202, 348.002
Yxy	39.7155, 0.3277, 0.3133
Android (android.graphics.Color)	4290618030 (0xFFBDA2AE)
YUV	171.4410, 1.2616, 15.3992
Hunter-Lab	63.0202, 7.3922, 1.2881

Details

The XYZ color **41.5466, 39.7155, 45.5205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0353, 47.2520, 48.5551**, and the grayscale version is **38.9210, 40.9479, 44.5922**.

A 20% lighter version of the original color is **76.6119, 74.6953, 84.5085**, and **19.2421, 17.7912, 20.8322** is the 20% darker color. If you saturate the color by 10%, you get **37.4804, 33.1575, 39.3102**, and if you desaturate by 10%, it is **46.1955, 47.3097, 52.3210**.

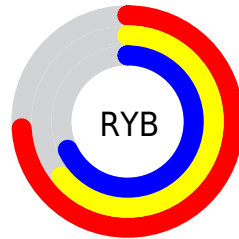
Distribution



Red (74%)

Green (64%)

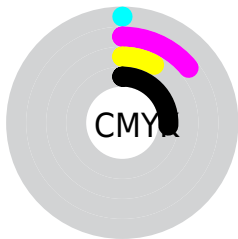
Blue (68%)



Red (74%)

Yellow (64%)

Blue (68%)

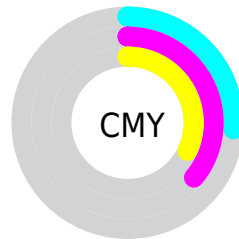


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5466, 39.7155, 45.5205 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 41.5466, 39.7155, 45.5205 by changing the saturation by 10% instead.


 41.5466, 39.7155,
45.5205

 41.5466, 39.7155,
45.5205


343.6237,
344.9230, 385.0990

 28.9360, 27.3168,
31.5217


 76.7824, 74.7301,
84.8276

 19.1764, 17.8113,
20.7346


 100.1384, 98.1148,
110.9730

 11.9026, 10.8146,
12.7408


127.8068,
125.9302, 142.0044

 6.7491, 5.9423,
7.1217

160.1531,
158.5609, 178.3402

 3.3506, 2.8100,
3.4587

197.5425,
196.3910, 220.3990

 1.3418, 1.0334,
1.3334

240.3405,

 0.2142, 0.0000,

239.8052, 268.5994

0.0889

288.9125,
289.1877, 323.3598

■ 0.0000, 0.0000,
0.0000

■ 41.5466, 39.7155,
45.5205

■ 41.5466, 39.7155,
45.5205

■ 37.4804, 33.1575,
39.3102

■ 46.1955, 47.3097,
52.3210

■ 33.9694, 27.5854,
33.6704

■ 51.4464, 55.9774,
59.7253

■ 30.9890, 22.9521,
28.5841

■ 57.3216, 65.7603,
67.7497

■ 28.5112, 19.2051,
24.0324

■ 63.8417, 76.6964,
76.4093

■ 26.5053, 16.2861,
19.9950

■ 70.5438, 87.8579,
85.5577

■ 24.9372, 14.1301,
16.4499

■ 72.0339, 88.4539,
93.4047

■ 23.7674, 12.6622,
13.3730

■ 73.6140, 89.0859,
101.7249

■ 22.9490, 11.7918,
10.7371

■ 74.7965, 89.5589,
107.9522

■ 22.5862, 11.4588,
9.4062

Harmonies

Analogous

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



40.6119, 39.7155, 50.8553



41.5466, 39.7155, 45.5205



41.4380, 39.7155, 40.0004

Triad

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



41.5466, 39.7155, 45.5205



36.5983, 39.7155, 33.7903



35.2883, 39.7155, 51.7491

Complementary

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



41.5466, 39.7155, 45.5205



41.0353, 47.2520, 48.5551

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.



34.2845, 39.7155, 46.6572



41.5466, 39.7155, 45.5205



35.0227, 39.7155, 36.4317

Square

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



41.5466, 39.7155, 45.5205



38.5353, 39.7155, 33.5433



34.1890, 39.7155, 41.0436



36.9722, 39.7155, 54.6537

Rectangle

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



41.5466, 39.7155, 45.5205



40.7891, 39.7155, 36.9471



34.1890, 39.7155, 41.0436



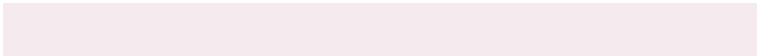
34.8627, 39.7155, 50.2173

Sweetspot

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



41.5477, 39.7173, 45.5213



82.9302, 85.0510, 93.9855



40.2045, 38.8463, 53.5237



17.6903, 18.0542, 20.0051



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.



41.5477, 39.7173, 45.5213



72.1274, 67.4320, 78.0947



40.6687, 39.7482, 39.7132



9.7016, 9.6049, 10.8175



15.2338, 7.7247, 6.5248



0.6297, 0.3158, 0.4291

Inverse Universe

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



41.5477, 39.7173, 45.5213



72.1274, 67.4320, 78.0947



41.9954, 47.1736, 55.0367



9.7016, 9.6049, 10.8175



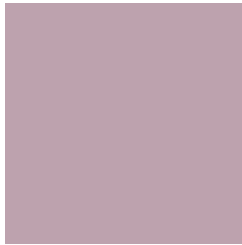
15.2338, 7.7247, 6.5248



0.6297, 0.3158, 0.4291

Previews

White Background



This preview shows how the XYZ color 41.5466, 39.7155, 45.5205 looks on a white background.

Color Contrast Check

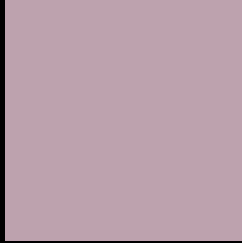
Large Text (above 18pt) WCAG AA × Fail

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 41.5466, 39.7155, 45.5205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

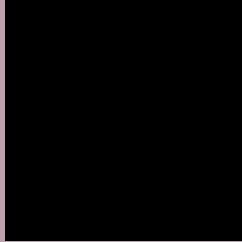
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5466, 39.7155, 45.5205

Background



This preview shows how black text looks on a background with the XYZ color 41.5466, 39.7155, 45.5205.



This preview shows how white text looks on a background with the XYZ color 41.5466, 39.7155,

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

41.5466, 39.7155, 45.5205

Protanopia

38.6161, 39.7657, 47.7597

Deuteranopia

40.6826, 39.7973, 45.5818



Tritanopia

41.6445, 39.7546, 46.0359

Trichromacy



Original Color

41.5466, 39.7155, 45.5205

Protanomaly

39.7035, 39.7939, 47.1834

Deuteranomaly

40.9869, 39.6895, 45.5450

Tritanomaly

41.6445, 39.7546, 46.0359

Monochromacy



Original Color

41.5466, 39.7155, 45.5205

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8091, 40.4488, 44.7390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5466, 39.7155, 45.5205 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, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(189, 162, 174)  
}
```

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, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 162, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.5466, 39.7155, 45.5205 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, 162, 174) }
```


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

```
.border{ border-color:rgb(189, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(189, 162,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5466, 39.7155, 45.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 162, 174) }
```

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

```
.background{ background-color: rgb(189,  
162, 174) }
```

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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