

Converting Colors

XYZ(42.0352, 38.4350, 45.2438)

Have a look what the booklet for
XYZ(42.0352, 38.4350, 45.2438)
contains.

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Color

**XYZ(42.0341, 38.4350,
45.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	C39CAE
RGB	195, 156, 174
RGB Percent	76%, 61%, 68%
CMY	0.2353, 0.3882, 0.3176
CMYK	0.00, 0.20, 0.11, 0.24
HSL	332°, 25%, 69%
HSV	332°, 20%, 76%
XYZ	42.0341, 38.4350, 45.2477
YIQ	169.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

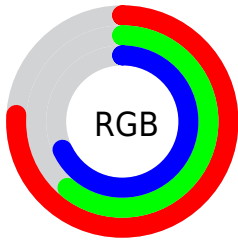
Format	Color
RYB	195, 156, 174
Decimal	12819630
CIELab	68.34, 17.41, -3.83
CIELCh	68, 17.824, 347.577
Yxy	38.4350, 0.3344, 0.3057
Android (android.graphics.Color)	4291009710 (0xFFC39CAE)
YUV	169.7130, 2.1135, 22.1767
Hunter-Lab	61.9960, 12.5325, 0.1244

Details

The XYZ color **42.0341, 38.4350, 45.2477** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1627, 49.2734, 48.9384**, and the grayscale version is **38.0503, 40.0318, 43.5947**.

A 20% lighter version of the original color is **77.5820, 72.9411, 84.1188**, and **19.5489, 17.1710, 20.6963** is the 20% darker color. If you saturate the color by 10%, you get **38.0370, 32.0153, 39.0606**, and if you desaturate by 10%, it is **46.6387, 45.9408, 52.0331**.

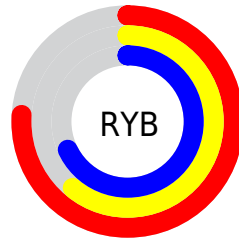
Distribution



Red (76%)

Green (61%)

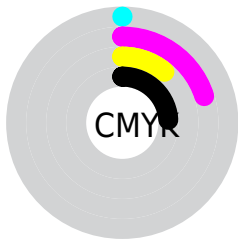
Blue (68%)



Red (76%)

Yellow (61%)

Blue (68%)

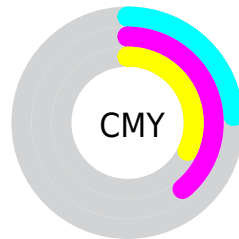


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0341, 38.4350, 45.2477 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 42.0341, 38.4350, 45.2477 by changing the saturation by 10% instead.


 42.0341, 38.4350,
45.2477


 42.0341, 38.4350,
45.2477


345.6135,
339.4823, 383.9652

 29.3192, 26.3205,
31.3082


 77.5161, 72.7744,
84.4144

 19.4679, 17.0635,
20.5732

 101.0139, 95.7680,
110.4786

 12.1149, 10.2798,
12.6242


128.8367,
123.1569, 141.4216

 6.8947, 5.5849,
7.0426

161.3499,
155.3253, 177.6617

 3.4421, 2.5943,
3.4099

198.9188,
192.6576, 219.6176

 1.3916, 0.9238,
1.3076

241.9088,

 0.2503, 0.0000,

235.5383, 267.7078

0.0680

290.6853,
284.3518, 322.3508

■ 0.0000, 0.0000,
0.0000

■ 42.0341, 38.4350,
45.2477

■ 42.0341, 38.4350,
45.2477

■ 38.0370, 32.0153,
39.0606

■ 46.6387, 45.9408,
52.0331

■ 34.6174, 26.6257,
33.4515

■ 51.8727, 54.5748,
59.4315

■ 31.7473, 22.2131,
28.4021

■ 57.7608, 64.3834,
67.4599

■ 29.3953, 18.7175,
23.8925

■ 64.3254, 75.4087,
76.1340

■ 27.5262, 16.0721,
19.9007

■ 71.5878, 87.6908,
85.4687

■ 26.1005, 14.2011,
16.4032

■ 73.5529, 89.2370,
93.4735

■ 25.0717, 13.0149,
13.3733

■ 75.1328, 89.8690,
101.7933

■ 24.3511, 12.3404,
10.7700

■ 76.3159, 90.3422,
108.0233

■ 24.3510, 12.3402,
10.7695

Harmonies

Analogous

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



40.6431, 38.4350, 53.1124



42.0341, 38.4350, 45.2477



41.8969, 38.4350, 37.3718

Triad

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



42.0341, 38.4350, 45.2477



34.9325, 38.4350, 28.8264



33.0251, 38.4350, 54.2679

Complementary

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



42.0341, 38.4350, 45.2477



41.1627, 49.2734, 48.9384

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.



31.6446, 38.4350, 46.6706



42.0341, 38.4350, 45.2477



32.7066, 38.4350, 32.3027

Square

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



42.0341, 38.4350, 45.2477



37.6995, 38.4350, 28.5479



31.5310, 38.4350, 38.6252



35.3875, 38.4350, 58.7484

Rectangle

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



42.0341, 38.4350, 45.2477



40.9575, 38.4350, 33.1486



31.5310, 38.4350, 38.6252



32.4361, 38.4350, 51.9527

Sweetspot

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



42.0352, 38.4367, 45.2485



87.0538, 88.0730, 98.2332



39.8262, 37.0426, 56.6811



18.9294, 19.0656, 21.3209



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.0352, 38.4367, 45.2485



72.0222, 63.5762, 76.0628



40.6156, 38.2198, 36.6910



10.2622, 10.1535, 11.4714



15.8682, 8.0370, 7.2181



0.7204, 0.3612, 0.4949

Inverse Universe

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



42.0352, 38.4367, 45.2485



72.0222, 63.5762, 76.0628



42.7869, 49.4591, 58.9217



10.2622, 10.1535, 11.4714



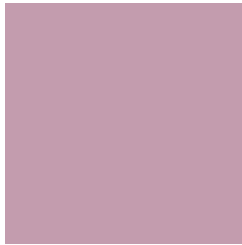
15.8682, 8.0370, 7.2181



0.7204, 0.3612, 0.4949

Previews

White Background



This preview shows how the XYZ color 42.0341, 38.4350, 45.2477 looks on a white background.

Color Contrast Check

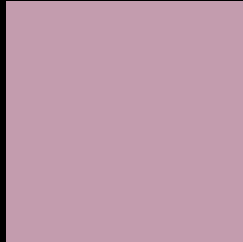
Large Text (above 18pt) WCAG AA × Fail

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 42.0341, 38.4350, 45.2477 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

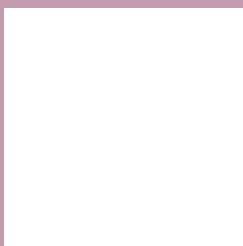
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0341, 38.4350, 45.2477

Background



This preview shows how black text looks on a background with the XYZ color 42.0341, 38.4350, 45.2477.



This preview shows how white text looks on a background with the XYZ color 42.0341, 38.4350,

45.2477.

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

42.0341, 38.4350, 45.2477

Protanopia

37.6003, 38.6747, 48.6632

Deuteranopia

39.2855, 38.5611, 44.9076



Tritanopia

41.4665, 38.4478, 42.7718

Trichromacy



Original Color

42.0341, 38.4350, 45.2477

Protanomaly

39.0877, 38.4021, 47.4717

Deuteranomaly

40.1212, 38.4730, 44.8466

Tritanomaly

41.6558, 38.5236, 43.7684

Monochromacy



Original Color

42.0341, 38.4350, 45.2477

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.3962, 39.4342, 44.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0341, 38.4350, 45.2477 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(195, 156, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 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(195, 156, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.0341, 38.4350, 45.2477 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(195, 156, 174) }
```


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

```
.border{ border-color:rgb(195, 156, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0341, 38.4350, 45.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 174) }
```

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

```
.background{ background-color: rgb(195,  
156, 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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