

Converting Colors

XYZ(45.2869, 38.2224, 44.9415)

Have a look what the booklet for
XYZ(45.2869, 38.2224, 44.9415)
contains.

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Color

**XYZ(45.3813, 38.2329,
45.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	D494AE
RGB	212, 148, 174
RGB Percent	83%, 58%, 68%
CMY	0.1686, 0.4196, 0.3176
CMYK	0.00, 0.30, 0.18, 0.17
HSL	336°, 43%, 71%
HSV	336°, 30%, 83%
XYZ	45.3813, 38.2329, 45.0322
YIQ	170.1000, 29.7980, 21.6540

Conversions

Conversions Part 2

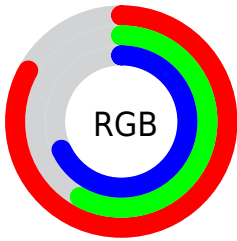
Format	Color
R _Y B	212, 148, 174
Decimal	13931694
CIE Lab	68.19, 27.90, -3.85
CIE LCh	68, 28.164, 352.138
Yxy	38.2329, 0.3528, 0.2972
Android (android.graphics.Color)	4292121774 (0xFFD494AE)
YUV	170.1000, 1.9227, 36.7463
Hunter-Lab	61.8328, 22.8003, 0.1026

Details

The XYZ color **45.3813, 38.2329, 45.0322** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6208, 56.9291, 55.0939**, and the grayscale version is **38.2396, 40.2311, 43.8116**.

A 20% lighter version of the original color is **76.7388, 69.6290, 83.5239**, and **21.4060, 16.8388, 20.5343** is the 20% darker color. If you saturate the color by 10%, you get **41.1853, 31.7134, 37.8599**, and if you desaturate by 10%, it is **50.3035, 46.0199, 53.0150**.

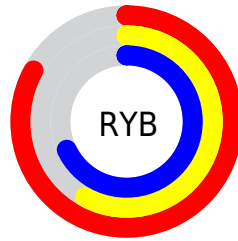
Distribution



Red (83%)

Green (58%)

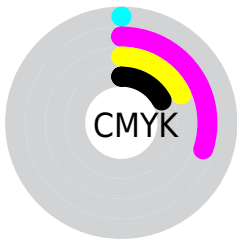
Blue (68%)



Red (83%)

Yellow (58%)

Blue (68%)

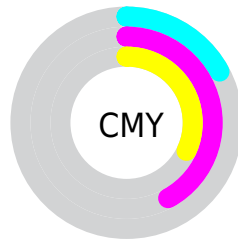


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (17%)



Cyan (17%)


Magenta (42%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3813, 38.2329, 45.0322 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 45.3813, 38.2329, 45.0322 by changing the saturation by 10% instead.


 45.3813, 38.2329,
45.0322


 45.3813, 38.2329,
45.0322


359.0734,
338.6180, 383.0679

 31.9604, 26.1635,
31.1397


 82.5258, 72.4650,
84.0877

 21.4867, 16.9460,
20.4459


 106.9802, 95.3964,
110.0877

 13.5947, 10.1960,
12.5323


135.8432,
122.7174, 140.9607

 7.9191, 5.5291,
6.9803

169.4800,
154.8122, 177.1250

 4.0946, 2.5609,
3.3716

208.2561,
192.0652, 218.9994

 1.7558, 0.9071,
1.2873

252.5368,

 0.4908, 0.0000,

234.8610, 267.0023

0.0514

302.6874,
283.5838, 321.5523

■ 0.0000, 0.0000,
0.0000

■ 45.3813, 38.2329,
45.0322

■ 45.3813, 38.2329,
45.0322

■ 41.1853, 31.7134,
37.8599

■ 50.3035, 46.0199,
53.0150

■ 37.6758, 26.3883,
31.4679

■ 55.9824, 55.1317,
61.8320

■ 34.8142, 22.1852,
25.8278


■ 62.4507, 65.6288,
71.5089


■ 32.5563, 19.0213,
20.9076


■ 69.7382, 77.5661,
82.0695


■ 30.8522, 16.8024,
16.6731

■ 77.8729, 90.9955,
93.5365

 29.6431, 15.4171,
13.0856

 80.0935, 92.3899,
103.6692

 28.8360, 14.6709,
10.1408

 80.9616, 92.7372,
108.2407

Harmonies

Analogous

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



43.4366, 38.2329, 58.3423



45.3813, 38.2329, 45.0322



44.7531, 38.2329, 33.1492

Triad

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



45.3813, 38.2329, 45.0322



33.2432, 38.2329, 22.9766



31.3898, 38.2329, 63.8393

Complementary

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



45.3813, 38.2329, 45.0322



44.6208, 56.9291, 55.0939

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.



29.0521, 38.2329, 51.4443



45.3813, 38.2329, 45.0322



30.0604, 38.2329, 28.4579

Square

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



45.3813, 38.2329, 45.0322



37.5088, 38.2329, 21.9438



28.5858, 38.2329, 38.4020



35.1942, 38.2329, 70.5413

Rectangle

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



45.3813, 38.2329, 45.0322



42.9811, 38.2329, 27.3965



28.5858, 38.2329, 38.4020



30.4195, 38.2329, 60.0943

Sweetspot

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



45.3824, 38.2347, 45.0330



86.0436, 85.3745, 95.4551



42.5632, 36.2911, 67.0494



18.1254, 17.8031, 19.9880



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.



45.3824, 38.2347, 45.0330



64.8554, 51.7186, 61.5088



43.9440, 39.0288, 33.2364



12.6302, 12.5036, 13.9931



17.8486, 9.0758, 6.5068



1.1170, 0.5636, 0.6056

Inverse Universe

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



45.3824, 38.2347, 45.0330



64.8554, 51.7186, 61.5088



46.3299, 55.5147, 70.5614



12.6302, 12.5036, 13.9931



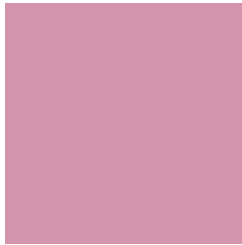
17.8486, 9.0758, 6.5068



1.1170, 0.5636, 0.6056

Previews

White Background



This preview shows how the XYZ color 45.3813, 38.2329, 45.0322 looks on a white background.

Color Contrast Check

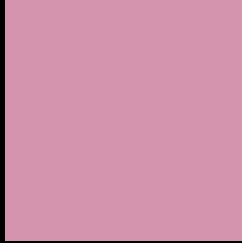
Large Text (above 18pt) WCAG AA × Fail

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 45.3813, 38.2329, 45.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

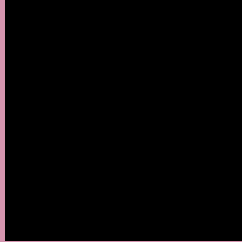
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3813, 38.2329, 45.0322

Background



This preview shows how black text looks on a background with the XYZ color 45.3813, 38.2329, 45.0322.



This preview shows how white text looks on a background with the XYZ color 45.3813, 38.2329,

45.0322.

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

45.3813, 38.2329, 45.0322

Protanopia

37.5219, 38.3056, 51.3150

Deuteranopia

39.0137, 38.1716, 44.3413



Tritanopia

44.2919, 38.2702, 39.2349

Trichromacy



Original Color

45.3813, 38.2329, 45.0322

Protanomaly

39.7947, 37.9562, 48.9449

Deuteranomaly

41.1695, 38.0005, 44.7001

Tritanomaly

44.4943, 38.0969, 41.0847

Monochromacy



Original Color

45.3813, 38.2329, 45.0322

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.2786, 39.0952, 43.9513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3813, 38.2329, 45.0322 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(212, 148, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 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(212, 148, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 174) }
```

Border

The CSS property to change the border of an element to XYZ 45.3813, 38.2329, 45.0322 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(212, 148, 174) }
```


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

```
.border{ border-color:rgb(212, 148, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 148, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 174);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3813, 38.2329, 45.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 148, 174) }
```

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

```
.background{ background-color: rgb(212,  
148, 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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