

Converting Colors

XYZ(44.8185, 38.0350, 42.4751)

Have a look what the booklet for
XYZ(44.8185, 38.0350, 42.4751)
contains.

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Color

**XYZ(44.9027, 38.0414,
42.5122)**

Conversions

Conversions Part 1

Format	Color
Hex	D494A9
RGB	212, 148, 169
RGB Percent	83%, 58%, 66%
CMY	0.1686, 0.4196, 0.3373
CMYK	0.00, 0.30, 0.20, 0.17
HSL	340°, 43%, 71%
HSV	340°, 30%, 83%
XYZ	44.9027, 38.0414, 42.5122
YIQ	169.5300, 31.4030, 20.0990

Conversions

Conversions Part 2

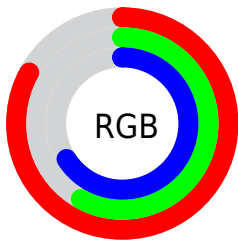
Format	Color
R _Y B	212, 148, 169
Decimal	13931689
CIE Lab	68.05, 27.13, -1.26
CIE LCh	68, 27.157, 357.336
Yxy	38.0414, 0.3579, 0.3032
Android (android.graphics.Color)	4292121769 (0xFFD494A9)
YUV	169.5300, -0.2613, 37.2462
Hunter-Lab	61.6777, 22.0158, 2.3080

Details

The XYZ color **44.9027, 38.0414, 42.5122** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1618, 57.1454, 57.9428**, and the grayscale version is **37.9659, 39.9431, 43.4980**.

A 20% lighter version of the original color is **76.0505, 69.3537, 79.8993**, and **21.1959, 16.9017, 18.9748** is the 20% darker color. If you saturate the color by 10%, you get **40.6117, 31.4840, 34.8397**, and if you desaturate by 10%, it is **49.9506, 45.8786, 51.1567**.

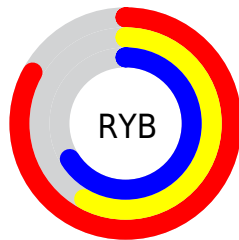
Distribution



Red (83%)

Green (58%)

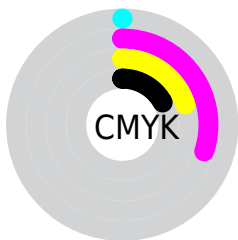
Blue (66%)



Red (83%)

Yellow (58%)

Blue (66%)

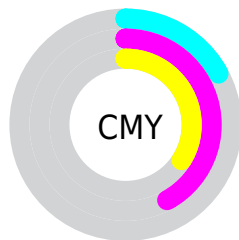


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (17%)



Cyan (17%)

Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9027, 38.0414, 42.5122 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 44.9027, 38.0414, 42.5122 by changing the saturation by 10% instead.


 44.9027, 38.0414,
42.5122


 44.9027, 38.0414,
42.5122


357.1697,
337.7975, 372.4639

 31.5817, 26.0148,
29.1740


 81.8123, 72.1716,
80.2527

 21.1962, 16.8347,
18.9658

 106.1318, 95.0440,
105.4920

 13.3808, 10.1167,
11.4690


134.8480,
122.3005, 135.5355

 7.7701, 5.4764,
6.2651

168.3265,
154.3254, 170.8017

 3.9987, 2.5294,
2.9356

206.9325,
191.5031, 211.7091

 1.7014, 0.8913,
1.0618

251.0315,

 0.4572, 0.0000,

234.2182, 258.6762

0.0000

300.9888,
282.8548, 312.1217

0.0000, 0.0000,
0.0000

44.9027, 38.0414,
42.5122

44.9027, 38.0414,
42.5122

40.6117, 31.4840,
34.8397

49.9506, 45.8786,
51.1567

37.0364, 26.1326,
28.1013

55.7872, 55.0536,
60.8045

34.1365, 21.9141,
22.2597

62.4467, 65.6271,
71.4882

31.8663, 18.7452,
17.2744

69.9601, 77.6547,
83.2384

30.1738, 16.5311,
13.1008

78.3566, 91.1888,
96.0843

■ 28.9981, 15.1591,
9.6895

■ 80.8761, 92.7030,
107.7910

■ 28.2430, 14.4337,
7.0182

■ 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



43.4433, 38.0414, 55.3023



44.9027, 38.0414, 42.5122



43.8717, 38.0414, 31.6210

Triad

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



44.9027, 38.0414, 42.5122



32.5504, 38.0414, 23.9872



31.9440, 38.0414, 64.2797

Complementary

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



44.9027, 38.0414, 42.5122



45.1618, 57.1454, 57.9428

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.



29.4046, 38.0414, 53.0607



44.9027, 38.0414, 42.5122



29.7350, 38.0414, 30.0811

Square

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



44.9027, 38.0414, 42.5122



36.5364, 38.0414, 22.2421



28.6281, 38.0414, 40.3479



35.7807, 38.0414, 69.3079

Rectangle

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



44.9027, 38.0414, 42.5122



41.9521, 38.0414, 26.5484



28.6281, 38.0414, 40.3479



30.9221, 38.0414, 61.0122

Sweetspot

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



44.9038, 38.0432, 42.5130



85.7765, 85.2677, 94.0484



43.8771, 36.9684, 67.1108



18.0599, 17.7769, 19.6428



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.



44.9038, 38.0432, 42.5130



64.0339, 51.3899, 57.1826



44.8389, 40.8187, 33.5346



12.5896, 12.4873, 13.7789



17.4770, 8.9271, 4.5502



1.0918, 0.5535, 0.4727

Inverse Universe

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



44.9038, 38.0432, 42.5130



64.0339, 51.3899, 57.1826



45.0622, 52.9794, 70.1387



12.5896, 12.4873, 13.7789



17.4770, 8.9271, 4.5502



1.0918, 0.5535, 0.4727

Previews

White Background



This preview shows how the XYZ color 44.9027, 38.0414, 42.5122 looks on a white background.

Color Contrast Check

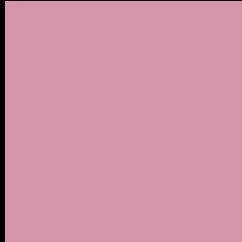
Large Text (above 18pt) WCAG AA × Fail

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 44.9027, 38.0414, 42.5122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

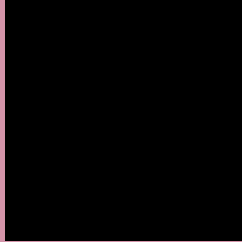
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9027, 38.0414, 42.5122

Background



This preview shows how black text looks on a background with the XYZ color 44.9027, 38.0414, 42.5122.



This preview shows how white text looks on a background with the XYZ color 44.9027, 38.0414,

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

44.9027, 38.0414, 42.5122

Protanopia

37.1089, 38.1643, 48.0584

Deuteranopia

39.0113, 38.2248, 41.8812



Tritanopia

44.0444, 37.9170, 38.7155

Trichromacy



Original Color

44.9027, 38.0414, 42.5122

Protanomaly

39.4274, 37.8365, 45.7826

Deuteranomaly

40.9487, 37.9415, 42.2110

Tritanomaly

44.3123, 38.0241, 40.1258

Monochromacy



Original Color

44.9027, 38.0414, 42.5122

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.1836, 39.0572, 43.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9027, 38.0414, 42.5122 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 169) }
```

Border

The CSS property to change the border of an element to XYZ 44.9027, 38.0414, 42.5122 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, 169) }
```


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

```
.border{ border-color:rgb(212, 148, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9027, 38.0414, 42.5122 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, 169) }
```

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

```
.background{ background-color: rgb(212,  
148, 169) }
```

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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