

Converting Colors

XYZ(44.4872, 38.0611, 42.5379)

Have a look what the booklet for
XYZ(44.4872, 38.0611, 42.5379)
contains.

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Color

**XYZ(44.4872, 38.0611,
42.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	D295A9
RGB	210, 149, 169
RGB Percent	82%, 58%, 66%
CMY	0.1765, 0.4157, 0.3373
CMYK	0.00, 0.29, 0.20, 0.18
HSL	340°, 40%, 70%
HSV	340°, 29%, 82%
XYZ	44.4872, 38.0611, 42.5379
YIQ	169.5190, 29.9360, 19.1520

Conversions

Conversions Part 2

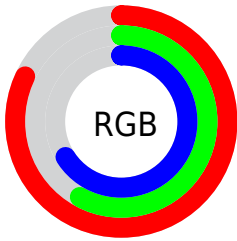
Format	Color
R _Y B	210, 149, 169
Decimal	13800873
CIE Lab	68.07, 25.86, -1.27
CIE LCh	68, 25.891, 357.196
Yxy	38.0611, 0.3557, 0.3043
Android (android.graphics.Color)	4291990953 (0xFFD295A9)
YUV	169.5190, -0.2559, 35.5018
Hunter-Lab	61.6937, 20.7521, 2.3050

Details

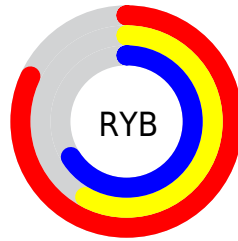
The XYZ color **44.4872, 38.0611, 42.5379** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7369, 56.2014, 57.2080**, and the grayscale version is **37.9610, 39.9379, 43.4924**.

A 20% lighter version of the original color is **76.2874, 69.8275, 79.9783**, and **20.9050, 16.8897, 18.9879** is the 20% darker color. If you saturate the color by 10%, you get **40.2051, 31.5041, 34.9217**, and if you desaturate by 10%, it is **49.5136, 45.8769, 51.1089**.

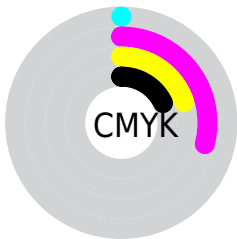
Distribution



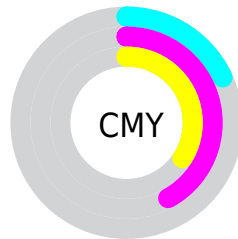
- Red (82%)
- Green (58%)
- Blue (66%)



- Red (82%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4872, 38.0611, 42.5379 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 44.4872, 38.0611, 42.5379 by changing the saturation by 10% instead.


 44.4872, 38.0611,
42.5379


 44.4872, 38.0611,
42.5379


355.5115,
337.8820, 372.5731

 31.2533, 26.0301,
29.1940


 81.1922, 72.2018,
80.2919

 20.9445, 16.8462,
18.9808


 105.3939, 95.0803,
105.5391

 13.1957, 10.1249,
11.4797


133.9823,
122.3434, 135.5912

 7.6414, 5.4818,
6.2723

167.3227,
154.3755, 170.8666

 3.9162, 2.5326,
2.9399

205.7805,
191.5610, 211.7840

 1.6548, 0.8929,
1.0640

249.7209,

 0.4277, 0.0000,

234.2843, 258.7619

0.0000

299.5095,
282.9299, 312.2187

■ 0.0000, 0.0000,
0.0000

■ 44.4872, 38.0611,
42.5379

■ 44.4872, 38.0611,
42.5379

■ 40.2051, 31.5041,
34.9217

■ 49.5136, 45.8769,
51.1089

■ 36.6273, 26.1344,
28.2235

■ 55.3151, 55.0075,
60.6651

■ 33.7149, 21.8814,
22.4072

■ 61.9249, 65.5120,
71.2384

■ 31.4238, 18.6648,
17.4332

■ 69.3729, 77.4442,
82.8582

■ 29.7040, 16.3933,
13.2588

■ 77.6878, 90.8551,
95.5532

■ 28.4972, 14.9596,
9.8362

■ 80.1791, 92.3580,
107.1112

■ 27.7118, 14.1898,
7.1044

■ 80.3885, 92.4417,
108.2139

■ 27.6478, 14.1294,
6.8748

Harmonies

Analogous

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



43.0932, 38.0611, 54.6759



44.4872, 38.0611, 42.5379



43.5209, 38.0611, 32.0979

Triad

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



44.4872, 38.0611, 42.5379



32.7462, 38.0611, 24.6609



32.1353, 38.0611, 63.0522

Complementary

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



44.4872, 38.0611, 42.5379



44.7369, 56.2014, 57.2080

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.



29.7077, 38.0611, 52.4436



44.4872, 38.0611, 42.5379



30.0415, 38.0611, 30.5371

Square

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



44.4872, 38.0611, 42.5379



36.5566, 38.0611, 22.9823



28.9702, 38.0611, 40.3652



35.7979, 38.0611, 67.8172

Rectangle

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



44.4872, 38.0611, 42.5379



41.7051, 38.0611, 27.1901



28.9702, 38.0611, 40.3652



31.1584, 38.0611, 59.9651

Sweetspot

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



44.4883, 38.0629, 42.5387



85.7756, 85.2673, 94.0437



43.5337, 37.0542, 65.8308



18.0597, 17.7768, 19.6416



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.



44.4883, 38.0629, 42.5387



64.6821, 52.3821, 58.3364



44.4313, 40.7270, 33.9553



11.9662, 11.8712, 13.0981



16.9061, 8.6353, 4.4119



0.9816, 0.4974, 0.4378

Inverse Universe

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



44.4883, 38.0629, 42.5387



64.6821, 52.3821, 58.3364



44.6443, 52.2752, 68.7102



11.9662, 11.8712, 13.0981



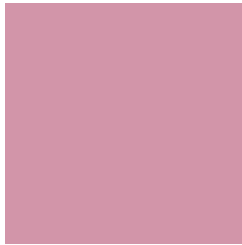
16.9061, 8.6353, 4.4119



0.9816, 0.4974, 0.4378

Previews

White Background



This preview shows how the XYZ color 44.4872, 38.0611, 42.5379 looks on a white background.

Color Contrast Check

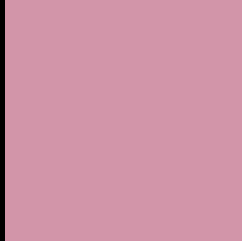
Large Text (above 18pt) WCAG AA × Fail

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 44.4872, 38.0611, 42.5379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

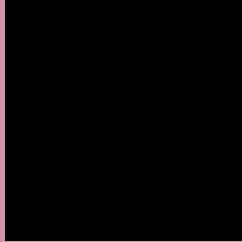
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4872, 38.0611, 42.5379

Background



This preview shows how black text looks on a background with the XYZ color 44.4872, 38.0611, 42.5379.



This preview shows how white text looks on a background with the XYZ color 44.4872, 38.0611,

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

44.4872, 38.0611, 42.5379

Protanopia

37.3177, 38.2719, 48.0682

Deuteranopia

39.0113, 38.2248, 41.8812



Tritanopia

43.7224, 37.9766, 39.2082

Trichromacy



Original Color

44.4872, 38.0611, 42.5379

Protanomaly

39.4274, 37.8365, 45.7826

Deuteranomaly

40.8631, 38.1476, 42.2553

Tritanomaly

43.9924, 38.0846, 40.6297

Monochromacy



Original Color

44.4872, 38.0611, 42.5379

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 44.4872, 38.0611, 42.5379 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(210, 149, 169)` looks like.

```
.text, #text, p{  
    color:rgb(210, 149, 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(210, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 149, 169) }
```

Border

The CSS property to change the border of an element to XYZ 44.4872, 38.0611, 42.5379 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(210, 149, 169) }
```


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

```
.border{ border-color:rgb(210, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 149, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 149, 169);  
box-shadow:4px 4px 4px 4px rgb(210, 149,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4872, 38.0611, 42.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 149, 169) }
```

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

```
.background{ background-color: rgb(210,  
149, 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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