

Converting Colors

XYZ(42.9682, 38.7396, 42.0343)

Have a look what the booklet for
XYZ(42.9682, 38.7396, 42.0343)
contains.

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Color

**XYZ(42.8766, 38.6874,
42.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	C99BA8
RGB	201, 155, 168
RGB Percent	79%, 61%, 66%
CMY	0.2118, 0.3921, 0.3412
CMYK	0.00, 0.23, 0.16, 0.21
HSL	343°, 30%, 70%
HSV	343°, 23%, 79%
XYZ	42.8766, 38.6874, 42.2534
YIQ	170.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

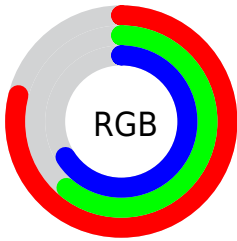
Format	Color
R _Y B	201, 155, 168
Decimal	13212584
CIE Lab	68.52, 19.14, -0.15
CIE LCh	69, 19.141, 359.554
Yxy	38.6874, 0.3463, 0.3125
Android (android.graphics.Color)	4291402664 (0xFFC99BA8)
YUV	170.2360, -1.1023, 26.9800
Hunter-Lab	62.1992, 14.1992, 3.2623

Details

The XYZ color **42.8766, 38.6874, 42.2534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4829, 52.3736, 55.3967**, and the grayscale version is **38.3243, 40.3202, 43.9087**.

A 20% lighter version of the original color is **77.6059, 72.6809, 79.7506**, and **19.9568, 17.2726, 18.8051** is the 20% darker color. If you saturate the color by 10%, you get **38.5361, 32.0382, 34.5419**, and if you desaturate by 10%, it is **47.9251, 46.5133, 50.9370**.

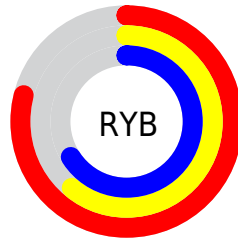
Distribution



Red (79%)

Green (61%)

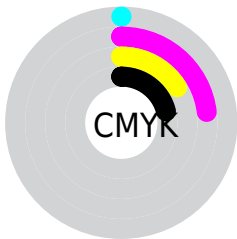
Blue (66%)



Red (79%)

Yellow (61%)

Blue (66%)

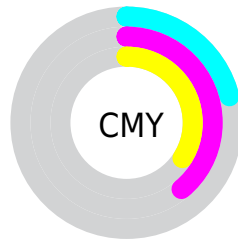


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8766, 38.6874, 42.2534 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 42.8766, 38.6874, 42.2534 by changing the saturation by 10% instead.


 42.8766, 38.6874,
42.2534


 42.8766, 38.6874,
42.2534


349.0342,
340.5596, 371.3629

 29.9824, 26.5166,
28.9727


 78.7815, 73.1605,
79.8572

 19.9732, 17.2105,
18.8148


 102.5229, 96.2317,
105.0174

 12.4837, 10.3847,
11.3611

130.6107,
123.7051, 134.9746

 7.1486, 5.6548,
6.1930

163.4104,
155.9651, 170.1471

 3.6023, 2.6363,
2.8921

201.2872,
193.3962, 210.9537

 1.4797, 0.9450,
1.0398

244.6065,

 0.3120, 0.0000,

236.3827, 257.8129

0.0000

293.7337,
285.3091, 311.1431

■ 0.0000, 0.0000,
0.0000

■ 42.8766, 38.6874,
42.2534

■ 42.8766, 38.6874,
42.2534

■ 38.5361, 32.0382,
34.5419

■ 47.9251, 46.5133,
50.9370

■ 34.8679, 26.5034,
27.7652

■ 53.7086, 55.5638,
60.6230

■ 31.8382, 22.0229,
21.8875

■ 60.2567, 65.8904,
71.3435

■ 29.4087, 18.5290,
16.8693

■ 67.5962, 77.5402,
83.1285

■ 27.5369, 15.9458,
12.6681

■ 75.5913, 90.2351,
95.9528

■ 26.1743, 14.1862,
9.2373

■ 77.8212, 91.1270,
107.6956

■ 25.2635, 13.1458,
6.5248

■ 77.8975, 91.1576,
108.0973

■ 24.8209, 12.7109,
4.9891

Harmonies

Analogous

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



41.9975, 38.6874, 51.1072



42.8766, 38.6874, 42.2534



42.0468, 38.6874, 34.4559

Triad

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



42.8766, 38.6874, 42.2534



33.9860, 38.6874, 29.2719



33.9118, 38.6874, 58.1153

Complementary

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



42.8766, 38.6874, 42.2534



43.4829, 52.3736, 55.3967

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.



31.9564, 38.6874, 50.8530



42.8766, 38.6874, 42.2534



31.9976, 38.6874, 34.2604

Square

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



42.8766, 38.6874, 42.2534



36.8164, 38.6874, 27.6105



31.2748, 38.6874, 41.9949



36.7261, 38.6874, 60.9976

Rectangle

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



42.8766, 38.6874, 42.2534



40.6607, 38.6874, 30.7128



31.2748, 38.6874, 41.9949



33.1380, 38.6874, 56.0605

Sweetspot

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



42.8777, 38.6892, 42.2542



87.6237, 88.3377, 96.5895



42.9961, 38.3488, 60.3945



18.6246, 18.7036, 20.4558



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.



42.8777, 38.6892, 42.2542



69.9230, 60.8780, 66.2057



43.4542, 41.6840, 36.7681



10.7550, 10.6854, 11.6932



15.6406, 8.0058, 3.3173



0.7724, 0.3918, 0.3246

Inverse Universe

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



42.8777, 38.6892, 42.2542



69.9230, 60.8780, 66.2057



42.6996, 48.4629, 62.3623



10.7550, 10.6854, 11.6932



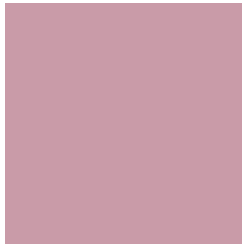
15.6406, 8.0058, 3.3173



0.7724, 0.3918, 0.3246

Previews

White Background



This preview shows how the XYZ color 42.8766, 38.6874, 42.2534 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 42.8766, 38.6874, 42.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

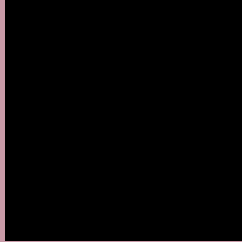
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8766, 38.6874, 42.2534

Background



This preview shows how black text looks on a background with the XYZ color 42.8766, 38.6874, 42.2534.



This preview shows how white text looks on a background with the XYZ color 42.8766, 38.6874,

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

42.8766, 38.6874, 42.2534

Protanopia

37.5225, 38.6924, 46.0482

Deuteranopia

39.6625, 38.8210, 41.9620



Tritanopia

42.7838, 38.6502, 41.7645

Trichromacy



Original Color

42.8766, 38.6874, 42.2534

Protanomaly

39.1891, 38.5225, 44.3998

Deuteranomaly

40.6084, 38.5334, 41.8566

Tritanomaly

42.7838, 38.6502, 41.7645

Monochromacy



Original Color

42.8766, 38.6874, 42.2534

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.6726, 39.5986, 43.0884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8766, 38.6874, 42.2534 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(201, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 168)  
}
```

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(201, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.8766, 38.6874, 42.2534 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(201, 155, 168) }
```


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

```
.border{ border-color:rgb(201, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8766, 38.6874, 42.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 168) }
```

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

```
.background{ background-color: rgb(201,  
155, 168) }
```

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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