

Converting Colors

XYZ(42.7767, 38.7993, 40.6205)

Have a look what the booklet for
XYZ(42.7767, 38.7993, 40.6205)
contains.

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Color

**XYZ(42.7674, 38.9111,
40.8538)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CA5
RGB	201, 156, 165
RGB Percent	79%, 61%, 65%
CMY	0.2118, 0.3882, 0.3529
CMYK	0.00, 0.22, 0.18, 0.21
HSL	348°, 29%, 70%
HSV	348°, 22%, 79%
XYZ	42.7674, 38.9111, 40.8538
YIQ	170.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

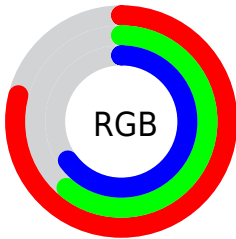
Format	Color
R_{YB}	201, 156, 165
Decimal	13212837
CIE _{Lab}	68.69, 18.11, 1.76
CIE _{LCh}	69, 18.199, 5.550
Yxy	38.9111, 0.3490, 0.3176
Android (android.graphics.Color)	4291402917 (0xFFC99CA5)
YUV	170.4810, -2.7021, 26.7652
Hunter-Lab	62.3788, 13.2183, 4.8343

Details

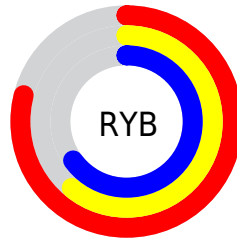
The XYZ color **42.7674, 38.9111, 40.8538** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1130, 52.6479, 57.7089**, and the grayscale version is **38.4542, 40.4569, 44.0575**.

A 20% lighter version of the original color is **77.4525, 73.0158, 77.7214**, and **19.8863, 17.4064, 17.9344** is the 20% darker color. If you saturate the color by 10%, you get **38.2967, 32.1665, 32.5904**, and if you desaturate by 10%, it is **47.9825, 46.8491, 50.2743**.

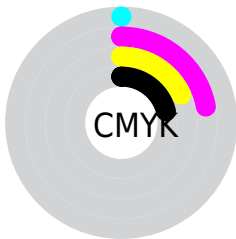
Distribution



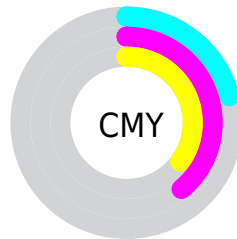
- Red (79%)
- Green (61%)
- Blue (65%)



- Red (79%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (21%)




- Cyan (21%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7674, 38.9111, 40.8538 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 42.7674, 38.9111, 40.8538 by changing the saturation by 10% instead.


 42.7674, 38.9111,
40.8538

 42.7674, 38.9111,
40.8538


348.5921,
341.5124, 365.3677

 29.8964, 26.6906,
27.8860


 78.6176, 73.5025,
77.7132

 19.9076, 17.3410,
18.0015


 102.3276, 96.6421,
102.4418

 12.4358, 10.4779,
10.7816


130.3812,
124.1903, 131.9279

 7.1155, 5.7169,
5.8078

163.1439,
156.5313, 166.5899

 3.5814, 2.6737,
2.6617

200.9809,
194.0497, 206.8463

 1.4682, 0.9639,
0.9241

244.2578,

 0.3040, 0.0000,

237.1297, 253.1157

0.0000

293.3397,
286.1558, 305.8167

■ 0.0000, 0.0000,
0.0000

■ 42.7674, 38.9111,
40.8538

■ 42.7674, 38.9111,
40.8538

■ 38.2967, 32.1665,
32.5904

■ 47.9825, 46.8491,
50.2743

■ 34.5329, 26.5524,
25.4368

■ 53.9706, 56.0288,
60.8919

■ 31.4401, 22.0082,
19.3457

■ 60.7631, 66.5024,
72.7479

■ 28.9779, 18.4654,
14.2656

■ 68.3884, 78.3176,
85.8806

■ 27.1014, 15.8476,
10.1405

■ 76.3914, 90.5551,
100.1659

■ 25.7596, 14.0672,
6.9088

■ 77.8975, 91.1576,
108.0973

■ 24.8923, 13.0197,
4.5010

■ 24.4737, 12.5721,
3.1609

Harmonies

Analogous

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



42.2515, 38.9111, 49.2689



42.7674, 38.9111, 40.8538



41.6696, 38.9111, 33.8079

Triad

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



42.7674, 38.9111, 40.8538



33.8599, 38.9111, 30.7409



34.7412, 38.9111, 58.4877

Complementary

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



42.7674, 38.9111, 40.8538



44.1130, 52.6479, 57.7089

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.



32.6632, 38.9111, 52.2623



42.7674, 38.9111, 40.8538



32.1732, 38.9111, 36.1428

Square

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



42.7674, 38.9111, 40.8538



36.4514, 38.9111, 28.4746



31.7467, 38.9111, 43.9183



37.5214, 38.9111, 60.1729

Rectangle

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



42.7674, 38.9111, 40.8538



40.2022, 38.9111, 30.6003



31.7467, 38.9111, 43.9183



33.9420, 38.9111, 56.8204

Sweetspot

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



42.7685, 38.9129, 40.8546



87.4028, 88.2494, 95.4262



44.1706, 39.2024, 60.4974



18.5736, 18.6832, 20.1871



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.



42.7685, 38.9129, 40.8546



69.2459, 60.6072, 62.6404



44.3706, 43.3818, 37.4897



10.7191, 10.6710, 11.5042



15.4146, 7.9154, 2.1271



0.7562, 0.3853, 0.2395

Inverse Universe

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



42.7685, 38.9129, 40.8546



69.2459, 60.6072, 62.6404



42.1310, 47.0395, 62.1177



10.7191, 10.6710, 11.5042



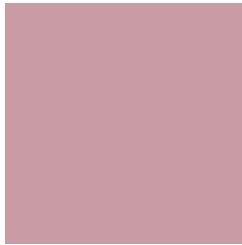
15.4146, 7.9154, 2.1271



0.7562, 0.3853, 0.2395

Previews

White Background



This preview shows how the XYZ color 42.7674, 38.9111, 40.8538 looks on a white background.

Color Contrast Check

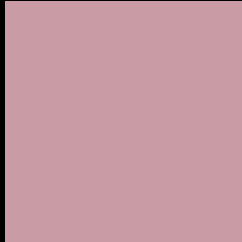
Large Text (above 18pt) WCAG AA × Fail

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 42.7674, 38.9111, 40.8538 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 42.7674, 38.9111, 40.8538

Background



This preview shows how black text looks on a background with the XYZ color 42.7674, 38.9111, 40.8538.



This preview shows how white text looks on a background with the XYZ color 42.7674, 38.9111,

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

42.7674, 38.9111, 40.8538

Protanopia

37.7470, 39.1238, 44.0902

Deuteranopia

39.6288, 38.8353, 40.5293



Tritanopia

43.0437, 39.0216, 42.3091

Trichromacy



Original Color

42.7674, 38.9111, 40.8538

Protanomaly

39.3147, 38.8827, 42.9691

Deuteranomaly

40.7575, 38.8983, 40.4819

Tritanomaly

42.9509, 38.9845, 41.8202

Monochromacy



Original Color

42.7674, 38.9111, 40.8538

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.5791, 39.5612, 42.5958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7674, 38.9111, 40.8538 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, 156, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 165)  
}
```

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, 156, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.7674, 38.9111, 40.8538 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, 156, 165) }
```


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

```
.border{ border-color:rgb(201, 156, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7674, 38.9111, 40.8538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 165) }
```

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

```
.background{ background-color: rgb(201,  
156, 165) }
```

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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