

Converting Colors

XYZ(42.7518, 37.6342, 37.3627)

Have a look what the booklet for
XYZ(42.7518, 37.6342, 37.3627)
contains.

XYZ(42.9703, 37.8672, 37.3921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.9703, 37.8672,
37.3921)**

Conversions

Conversions Part 1

Format	Color
Hex	CF979E
RGB	207, 151, 158
RGB Percent	81%, 59%, 62%
CMY	0.1882, 0.4078, 0.3804
CMYK	0.00, 0.27, 0.24, 0.19
HSL	353°, 37%, 70%
HSV	353°, 27%, 81%
XYZ	42.9703, 37.8672, 37.3921
YIQ	168.5420, 31.1290, 14.0490

Conversions

Conversions Part 2

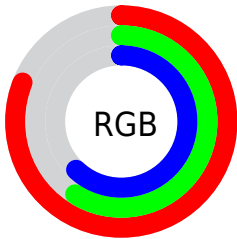
Format	Color
R_{YB}	207, 151, 158
Decimal	13604766
CIE _{Lab}	67.92, 22.01, 4.64
CIE _{LCh}	68, 22.496, 11.897
Yxy	37.8672, 0.3634, 0.3203
Android (android.graphics.Color)	4291794846 (0xFFCF979E)
YUV	168.5420, -5.1972, 33.7277
Hunter-Lab	61.5363, 16.9565, 7.0483

Details

The XYZ color **42.9703, 37.8672, 37.3921** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5022, 55.3760, 62.9367**, and the grayscale version is **37.5009, 39.4539, 42.9652**.

A 20% lighter version of the original color is **75.3215, 70.2067, 72.5322**, and **20.1599, 16.8513, 16.1000** is the 20% darker color. If you saturate the color by 10%, you get **38.4809, 31.2021, 28.7619**, and if you desaturate by 10%, it is **48.2766, 45.7975, 47.4293**.

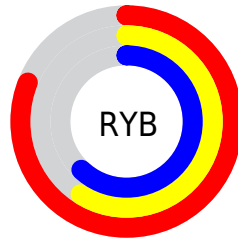
Distribution



Red (81%)

Green (59%)

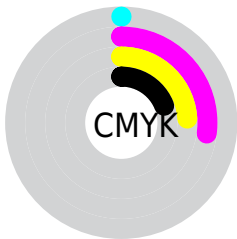
Blue (62%)



Red (81%)

Yellow (59%)

Blue (62%)

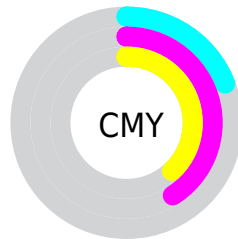


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9703, 37.8672, 37.3921 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 42.9703, 37.8672, 37.3921 by changing the saturation by 10% instead.


 42.9703, 37.8672,
37.3921


 42.9703, 37.8672,
37.3921


349.4132,
337.0500, 350.2247

 30.0562, 25.8796,
25.2131


 78.9220, 71.9045,
72.3685

 20.0296, 16.7336,
16.0154


 102.6904, 94.7231,
96.0029

 12.5249, 10.0447,
9.3806


130.8076,
121.9208, 124.2929

 7.1770, 5.4286,
4.8901

163.6390,
153.8820, 157.6569

 3.6203, 2.5009,
2.1253

201.5498,
190.9911, 196.5136

 1.4897, 0.8771,
0.6308

244.9056,

 0.3188, 0.0000,

233.6326, 241.2814

0.0000

294.0716,
282.1907, 292.3789

0.0000, 0.0000,
0.0000

42.9703, 37.8672,
37.3921

42.9703, 37.8672,
37.3921

38.4809, 31.2021,
28.7619

48.2766, 45.7975,
47.4293

34.7645, 25.7318,
21.4733

54.4343, 55.0482,
58.9301

31.7782, 21.3870,
15.4595

61.4799, 65.6777,
71.9508

29.4733, 18.0891,
10.6467

69.4468, 77.7391,
86.5442

27.7952, 15.7496,
6.9534

78.3665, 91.2830,
102.7603

■ 26.6809, 14.2649,
4.2883

■ 79.5423, 92.0055,
108.1743

■ 26.0486, 13.4980,
2.5430

■ 25.9172, 13.3394,
2.1780

Harmonies

Analogous

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



42.7589, 37.8672, 47.4999



42.9703, 37.8672, 37.3921



41.2248, 37.8672, 29.6758

Triad

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



42.9703, 37.8672, 37.3921



31.6911, 37.8672, 28.5090



33.9452, 37.8672, 62.3444

Complementary

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



42.9703, 37.8672, 37.3921



45.5022, 55.3760, 62.9367

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.



31.2212, 37.8672, 55.4529



42.9703, 37.8672, 37.3921



29.9789, 37.8672, 35.5394

Square

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



42.9703, 37.8672, 37.3921



34.6250, 37.8672, 25.1306



29.8127, 37.8672, 45.3239



37.3938, 37.8672, 63.0570

Rectangle

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



42.9703, 37.8672, 37.3921



39.2483, 37.8672, 26.4873



29.8127, 37.8672, 45.3239



32.9203, 37.8672, 60.6276

Sweetspot

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



42.9713, 37.8690, 37.3929



86.1418, 86.5710, 92.4045



46.0252, 38.8552, 64.1058



18.1017, 18.0240, 19.1527



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.



42.9713, 37.8690, 37.3929



64.8697, 54.7445, 52.2730



45.9831, 44.8290, 35.5096



11.8680, 11.8319, 12.5806



16.3480, 8.4120, 1.4729



0.9344, 0.4785, 0.1895

Inverse Universe

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



42.9713, 37.8690, 37.3929



64.8697, 54.7445, 52.2730



41.6838, 46.4005, 65.7910



11.8680, 11.8319, 12.5806



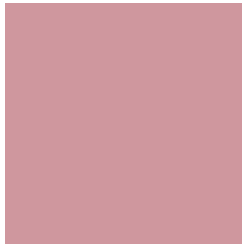
16.3480, 8.4120, 1.4729



0.9344, 0.4785, 0.1895

Previews

White Background



This preview shows how the XYZ color 42.9703, 37.8672, 37.3921 looks on a white background.

Color Contrast Check

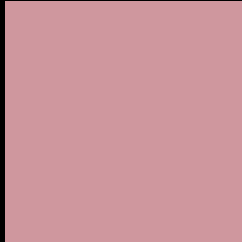
Large Text (above 18pt) WCAG AA × Fail

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 42.9703, 37.8672, 37.3921 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 42.9703, 37.8672, 37.3921

Background



This preview shows how black text looks on a background with the XYZ color 42.9703, 37.8672, 37.3921.



This preview shows how white text looks on a background with the XYZ color 42.9703, 37.8672,

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

42.9703, 37.8672, 37.3921

Protanopia

36.7003, 38.0985, 41.4958

Deuteranopia

38.5791, 37.8562, 36.7261



Tritanopia

43.1601, 37.6867, 39.1819

Trichromacy



Original Color

42.9703, 37.8672, 37.3921

Protanomaly

38.7101, 37.8532, 39.9165

Deuteranomaly

40.1351, 37.8857, 37.0956

Tritanomaly

43.0715, 37.6513, 38.7155

Monochromacy



Original Color

42.9703, 37.8672, 37.3921

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.2403, 38.6246, 40.9844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9703, 37.8672, 37.3921 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(207, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 158)  
}
```

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(207, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.9703, 37.8672, 37.3921 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(207, 151, 158) }
```


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

```
.border{ border-color:rgb(207, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9703, 37.8672, 37.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 158) }
```

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

```
.background{ background-color: rgb(207,  
151, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor