

Converting Colors

XYZ(43.8672, 42.1022, 41.6638)

Have a look what the booklet for
XYZ(43.8672, 42.1022, 41.6638)
contains.

XYZ(43.8079, 42.0314, 41.8803)	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(43.8079, 42.0314,
41.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A6A6
RGB	198, 166, 166
RGB Percent	78%, 65%, 65%
CMY	0.2235, 0.3490, 0.3490
CMYK	0.00, 0.16, 0.16, 0.22
HSL	0°, 22%, 71%
HSV	0°, 16%, 78%
XYZ	43.8079, 42.0314, 41.8803
YIQ	175.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

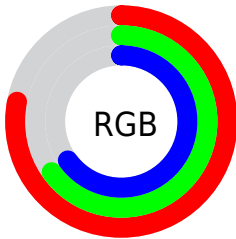
Format	Color
R_{YB}	198, 166, 166
Decimal	13018790
CIE _{Lab}	70.89, 11.69, 4.36
CIE _{LCh}	71, 12.477, 20.477
Yxy	42.0314, 0.3430, 0.3291
Android (android.graphics.Color)	4291208870 (0xFFC6A6A6)
YUV	175.5680, -4.7170, 19.6729
Hunter-Lab	64.8316, 7.1603, 7.0817

Details

The XYZ color **43.8079, 42.0314, 41.8803** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1127, 52.5712, 61.1435**, and the grayscale version is **41.0598, 43.1981, 47.0428**.

A 20% lighter version of the original color is **80.1476, 78.1934, 79.2752**, and **20.5562, 19.1788, 18.5380** is the 20% darker color. If you saturate the color by 10%, you get **38.8037, 34.7091, 31.9305**, and if you desaturate by 10%, it is **49.6481, 50.5773, 53.4893**.

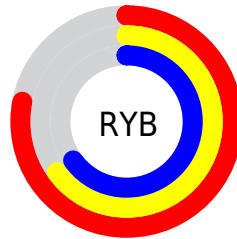
Distribution



Red (78%)

Green (65%)

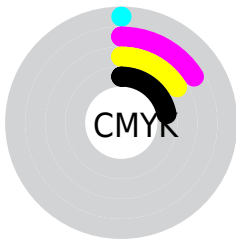
Blue (65%)



Red (78%)

Yellow (65%)

Blue (65%)

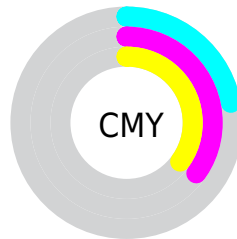


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8079, 42.0314, 41.8803 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 43.8079, 42.0314, 41.8803 by changing the saturation by 10% instead.


 43.8079, 42.0314,
41.8803


 43.8079, 42.0314,
41.8803


352.7893,
354.6131, 369.7715

 30.7168, 29.1259,
28.6827


 80.1767, 78.2471,
79.2866

 20.5340, 19.1761,
18.5974


 104.1852,
102.3262, 104.3323

 12.8943, 11.7976,
11.2059


132.5634,
130.8985, 134.1645

 7.4323, 6.6060,
6.0896

165.6768,
164.3484, 169.2018

 3.7826, 3.2169,
2.8300

203.8908,
203.0605, 209.8625

 1.5799, 1.2460,
1.0085

247.5706,

 0.3793, 0.0988,

247.4190, 256.5654

0.0000

297.0816,
297.8084, 309.7289

■ 0.0000, 0.0000,
0.0000

■ 43.8079, 42.0314,
41.8803

■ 43.8079, 42.0314,
41.8803

■ 38.8037, 34.7091,
31.9305

■ 49.6481, 50.5773,
53.4893

■ 34.5941, 28.5492,
23.5618

■ 56.3563, 60.3932,
66.8256

■ 31.1391, 23.4936,
16.6936

■ 63.9674, 71.5300,
81.9568

■ 28.3942, 19.4770,
11.2371

■ 72.5129, 84.0342,
98.9459

■ 26.3102, 16.4273,
7.0944

■ 77.0989, 90.7459,
108.0599

■ 24.8313, 14.2633,
4.1549

■ 23.8931, 12.8902,
2.2901

■ 23.4133, 12.1880,
1.3368

■ 23.2892, 12.0064,
1.0900

Harmonies

Analogous

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



44.0180, 42.0314, 47.6831



43.8079, 42.0314, 41.8803



42.5447, 42.0314, 37.4993

Triad

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



43.8079, 42.0314, 41.8803



36.9483, 42.0314, 38.8670



39.2926, 42.0314, 57.9937

Complementary

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



43.8079, 42.0314, 41.8803



46.1127, 52.5712, 61.1435

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.



37.4622, 42.0314, 55.1641



43.8079, 42.0314, 41.8803



36.1399, 42.0314, 43.8992

Square

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



43.8079, 42.0314, 41.8803



38.5691, 42.0314, 35.8670



36.3247, 42.0314, 49.8829



41.3627, 42.0314, 57.3347

Rectangle

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



43.8079, 42.0314, 41.8803



41.2988, 42.0314, 35.8117



36.3247, 42.0314, 49.8829



38.6301, 42.0314, 57.4104

Sweetspot

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



43.8091, 42.0333, 41.8812



89.1316, 91.3399, 97.1340



47.1185, 43.3560, 59.3117



18.9067, 19.3000, 20.4504



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.



43.8091, 42.0333, 41.8812



74.6528, 70.1536, 68.3498



46.9001, 48.2154, 42.9115



10.6340, 10.6371, 11.0555



15.1454, 7.8081, 0.7089



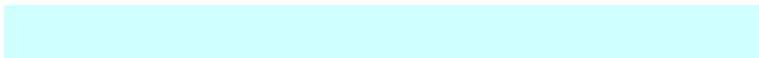
0.7172, 0.3698, 0.0336

Inverse Universe

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



46.1127, 52.5712, 61.1435



79.4148, 91.9371, 108.1678



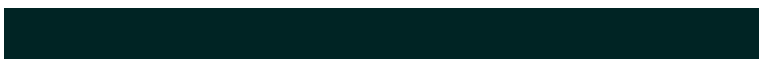
42.6474, 45.6407, 59.9884



10.9467, 12.0674, 13.6698



19.7582, 28.9103, 39.2832



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 43.8079, 42.0314, 41.8803 looks on a white background.

Color Contrast Check

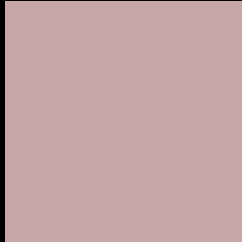
Large Text (above 18pt) WCAG AA × Fail

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 43.8079, 42.0314, 41.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

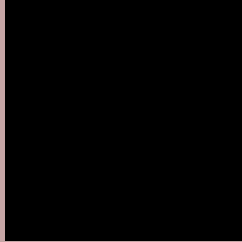
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8079, 42.0314, 41.8803

Background



This preview shows how black text looks on a background with the XYZ color 43.8079, 42.0314, 41.8803.



This preview shows how white text looks on a background with the XYZ color 43.8079, 42.0314,

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

43.8079, 42.0314, 41.8803

Protanopia

40.5594, 42.2544, 44.0484

Deuteranopia

42.8779, 42.0959, 41.9418



Tritanopia

44.7645, 41.8674, 47.3168

Trichromacy



Original Color

43.8079, 42.0314, 41.8803

Protanomaly

41.5437, 41.9283, 43.4395

Deuteranomaly

43.2073, 41.9927, 41.9045

Tritanomaly

44.5511, 42.0695, 45.3073

Monochromacy



Original Color

43.8079, 42.0314, 41.8803

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9661, 42.6740, 45.0548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8079, 42.0314, 41.8803 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(198, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 166)  
}
```

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(198, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.8079, 42.0314, 41.8803 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(198, 166, 166) }
```


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

```
.border{ border-color:rgb(198, 166, 166) }
```

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

Here you see how a box with a 4 pixel rgb(198, 166, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8079, 42.0314, 41.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 166) }
```

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

```
.background{ background-color: rgb(198,  
166, 166) }
```

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