

Converting Colors

XYZ(43.6304, 42.0055, 41.7656)

Have a look what the booklet for
XYZ(43.6304, 42.0055, 41.7656)
contains.

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Color

**XYZ(43.5451, 41.8959,
41.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A6A6
RGB	197, 166, 166
RGB Percent	77%, 65%, 65%
CMY	0.2274, 0.3490, 0.3490
CMYK	0.00, 0.16, 0.16, 0.23
HSL	0°, 21%, 71%
HSV	0°, 16%, 77%
XYZ	43.5451, 41.8959, 41.8680
YIQ	175.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

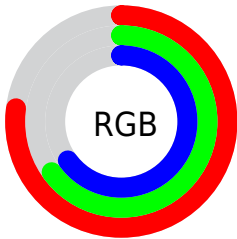
Format	Color
R _Y B	197, 166, 166
Decimal	12953254
CIE Lab	70.80, 11.32, 4.22
CIE LCh	71, 12.078, 20.439
Yxy	41.8959, 0.3420, 0.3291
Android (android.graphics.Color)	4291143334 (0xFFC5A6A6)
YUV	175.2690, -4.5696, 19.0581
Hunter-Lab	64.7270, 6.8135, 6.9578

Details

The XYZ color **43.5451, 41.8959, 41.8680** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7698, 52.0696, 60.4619**, and the grayscale version is **40.9040, 43.0342, 46.8643**.

A 20% lighter version of the original color is **79.7806, 78.0042, 79.2580**, and **20.3823, 19.0892, 18.5299** is the 20% darker color. If you saturate the color by 10%, you get **38.5642, 34.6076, 31.9645**, and if you desaturate by 10%, it is **49.3536, 50.3955, 53.4141**.

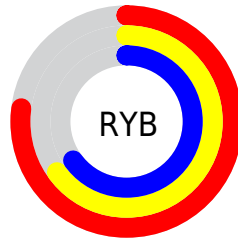
Distribution



Red (77%)

Green (65%)

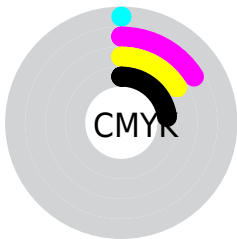
Blue (65%)



Red (77%)

Yellow (65%)

Blue (65%)

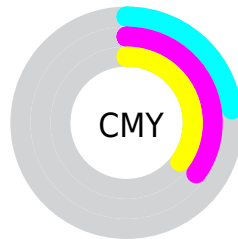


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5451, 41.8959, 41.8680 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 43.5451, 41.8959, 41.8680 by changing the saturation by 10% instead.


 43.5451, 41.8959,
41.8680


 43.5451, 41.8959,
41.8680


351.7324,
354.0512, 369.7190

 30.5094, 29.0198,
28.6731


 79.7834, 78.0421,
79.2677

 20.3756, 19.0958,
18.5903


 103.7167,
102.0809, 104.3097

 12.7782, 11.7395,
11.2008


132.0133,
130.6094, 134.1378

 7.3519, 6.5666,
6.0862

165.0384,
164.0120, 169.1706

 3.7314, 3.1925,
2.8279

203.1576,
202.6731, 209.8265

 1.5513, 1.2331,
1.0075

246.7360,

 0.3604, 0.0885,

246.9771, 256.5242

0.0000

296.1392,
297.3083, 309.6822

■ 0.0000, 0.0000,
0.0000

■ 43.5451, 41.8959,
41.8680

■ 43.5451, 41.8959,
41.8680

■ 38.5642, 34.6076,
31.9645

■ 49.3536, 50.3955,
53.4141

■ 34.3699, 28.4703,
23.6264

■ 56.0213, 60.1520,
66.6698

■ 30.9232, 23.4268,
16.7746

■ 63.5823, 71.2157,
81.7015

■ 28.1802, 19.4128,
11.3217

■ 72.0679, 83.6322,
98.5716

■ 26.0923, 16.3576,
7.1714

■ 76.8361, 90.6104,
108.0476

■ 24.6051, 14.1812,
4.2152

■ 23.6551, 12.7910,
2.3271

■ 23.1636, 12.0717,
1.3504

■ 23.0264, 11.8709,
1.0777

Harmonies

Analogous

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



43.7463, 41.8959, 47.4767



43.5451, 41.8959, 41.8680



42.3279, 41.8959, 37.6210

Triad

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



43.5451, 41.8959, 41.8680



36.9209, 41.8959, 38.9383



39.1837, 41.8959, 57.3992

Complementary

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



43.5451, 41.8959, 41.8680



45.7698, 52.0696, 60.4619

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.



37.4147, 41.8959, 54.6737



43.5451, 41.8959, 41.8680



36.1375, 41.8959, 43.8075

Square

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



43.5451, 41.8959, 41.8680



38.4891, 41.8959, 36.0306



36.3151, 41.8959, 49.5845



41.1829, 41.8959, 56.7699

Rectangle

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



43.5451, 41.8959, 41.8680



41.1260, 41.8959, 35.9811



36.3151, 41.8959, 49.5845



38.5435, 41.8959, 56.8369

Sweetspot

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



43.5463, 41.8978, 41.8689



89.1316, 91.3399, 97.1340



46.7407, 43.1745, 58.6938



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.



43.5463, 41.8978, 41.8689



74.6528, 70.1536, 68.3498



46.5351, 47.8755, 42.8652



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.



45.7698, 52.0696, 60.4619



79.4148, 91.9371, 108.1678



42.4302, 45.3902, 59.3486



10.9467, 12.0674, 13.6698



19.7582, 28.9102, 39.2832



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 43.5451, 41.8959, 41.8680 looks on a white background.

Color Contrast Check

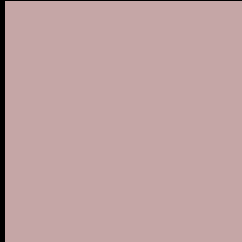
Large Text (above 18pt) WCAG AA × Fail

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 43.5451, 41.8959, 41.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

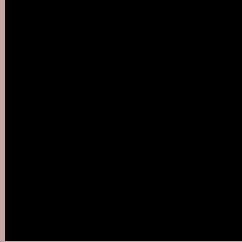
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5451, 41.8959, 41.8680

Background



This preview shows how black text looks on a background with the XYZ color 43.5451, 41.8959, 41.8680.



This preview shows how white text looks on a background with the XYZ color 43.5451, 41.8959,

41.8680.

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

43.5451, 41.8959, 41.8680

Protanopia

40.3307, 42.1365, 44.0377

Deuteranopia

42.8779, 42.0959, 41.9418



Tritanopia

44.5000, 41.7310, 47.3045

Trichromacy



Original Color

43.5451, 41.8959, 41.8680

Protanomaly

41.3033, 41.8044, 43.4282

Deuteranomaly

42.9498, 41.8599, 41.8925

Tritanomaly

44.2867, 41.9332, 45.2949

Monochromacy



Original Color

43.5451, 41.8959, 41.8680

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.7274, 42.5509, 45.0436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5451, 41.8959, 41.8680 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(197, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 166, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.5451, 41.8959, 41.8680 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(197, 166, 166) }
```


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

```
.border{ border-color:rgb(197, 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(197, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(197, 166,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5451, 41.8959, 41.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 166, 166) }
```

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

```
.background{ background-color: rgb(197,  
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](#).

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