

Converting Colors

XYZ(43.8169, 40.5519, 49.0651)

Have a look what the booklet for
XYZ(43.8169, 40.5519, 49.0651)
contains.

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Color

**XYZ(43.8503, 40.5617,
49.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A1B5
RGB	196, 161, 181
RGB Percent	77%, 63%, 71%
CMY	0.2314, 0.3686, 0.2902
CMYK	0.00, 0.18, 0.08, 0.23
HSL	326°, 23%, 70%
HSV	326°, 18%, 77%
XYZ	43.8503, 40.5617, 49.2341
YIQ	173.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

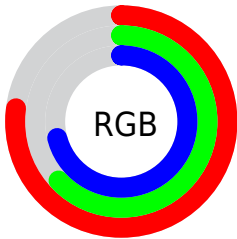
Format	Color
R _Y B	196, 161, 181
Decimal	12886453
CIE Lab	69.87, 16.23, -5.46
CIE LCh	70, 17.125, 341.406
Yxy	40.5617, 0.3281, 0.3035
Android (android.graphics.Color)	4291076533 (0xFFC4A1B5)
YUV	173.7450, 3.5767, 19.5176
Hunter-Lab	63.6881, 11.4461, -1.2525

Details

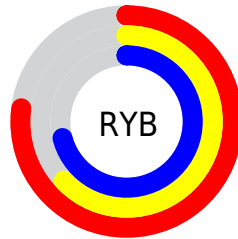
The XYZ color **43.8503, 40.5617, 49.2341** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2759, 50.1926, 48.5366**, and the grayscale version is **40.0793, 42.1666, 45.9194**.

A 20% lighter version of the original color is **80.3499, 76.1088, 90.5763**, and **20.5203, 18.2466, 22.8625** is the 20% darker color. If you saturate the color by 10%, you get **39.8540, 33.9068, 43.7768**, and if you desaturate by 10%, it is **48.4378, 48.3147, 55.1459**.

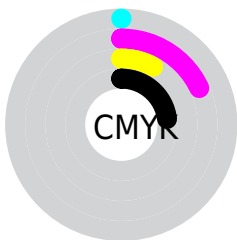
Distribution



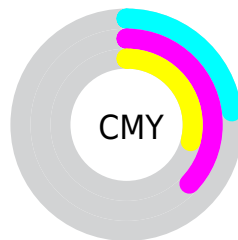
- Red (77%)
- Green (63%)
- Blue (71%)



- Red (77%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8503, 40.5617, 49.2341 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 43.8503, 40.5617, 49.2341 by changing the saturation by 10% instead.


 43.8503, 40.5617,
49.2341


 43.8503, 40.5617,
49.2341


352.9596,
348.4854, 400.3121

 30.7502, 27.9768,
34.4383


 80.2402, 76.0181,
90.4236

 20.5596, 18.3081,
22.9504


 104.2607, 99.6583,
117.6544

 12.9131, 11.1714,
14.3520


132.6521,
127.7525, 149.8674

 7.4453, 6.1823,
8.2243

165.7797,
160.6849, 187.4809

 3.7909, 2.9562,
4.1490

204.0089,
198.8400, 230.9136

 1.5845, 1.1089,
1.7074

247.7051,

 0.3823, 0.0000,

242.6022, 280.5840

0.3658

297.2335,
292.3559, 336.9107

■ 0.0000, 0.0000,
0.0000

■ 43.8503, 40.5617,
49.2341

■ 43.8503, 40.5617,
49.2341

■ 39.8540, 33.9068,
43.7768

■ 48.4378, 48.3147,
55.1459

■ 36.4196, 28.2945,
38.7583

■ 53.6372, 57.2075,
61.5221

■ 33.5204, 23.6723,
34.1656

■ 59.4726, 67.2861,
68.3753

■ 31.1260, 19.9811,
29.9839

■ 65.9654, 78.5923,
75.7169

■ 29.2029, 17.1554,
26.1971

■ 71.8452, 88.5839,
83.1275

■ 27.7132, 15.1209,
22.7874

■ 73.0064, 89.0484,
89.2426

■ 26.6128, 13.7911,
19.7351

■ 74.2247, 89.5357,
95.6579

■ 25.8364, 13.0374,
17.0130

■ 75.5007, 90.0461,
102.3774

■ 25.6894, 12.9056,
16.4641

■ 76.5752, 90.4759,
108.0354

Harmonies

Analogous

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



42.2014, 40.5617, 56.6859



43.8503, 40.5617, 49.2341



44.0398, 40.5617, 41.2029

Triad

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



43.8503, 40.5617, 49.2341



37.5041, 40.5617, 30.7808



34.6766, 40.5617, 55.0962

Complementary

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



43.8503, 40.5617, 49.2341



42.2759, 50.1926, 48.5366

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.



33.5414, 40.5617, 47.2654



43.8503, 40.5617, 49.2341



35.1206, 40.5617, 33.6383

Square

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



43.8503, 40.5617, 49.2341



40.2843, 40.5617, 31.1734



33.6999, 40.5617, 39.4560



36.8714, 40.5617, 60.3412

Rectangle

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



43.8503, 40.5617, 49.2341



43.3027, 40.5617, 36.6504



33.6999, 40.5617, 39.4560



34.1633, 40.5617, 52.6419

Sweetspot

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



43.8515, 40.5635, 49.2350



90.2491, 91.7862, 103.0207



40.5207, 38.6589, 57.5513



19.1776, 19.4082, 21.8776



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.



43.8515, 40.5635, 49.2350



76.8040, 69.0723, 85.6638



42.2046, 39.9047, 40.5625



10.3089, 10.1722, 11.7173



16.5502, 8.3099, 10.8096



0.7491, 0.3726, 0.6459

Inverse Universe

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



43.8515, 40.5635, 49.2350



76.8040, 69.0723, 85.6638



44.0741, 50.9118, 58.0056



10.3089, 10.1722, 11.7173



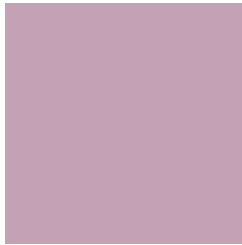
16.5502, 8.3099, 10.8096



0.7491, 0.3726, 0.6459

Previews

White Background



This preview shows how the XYZ color 43.8503, 40.5617, 49.2341 looks on a white background.

Color Contrast Check

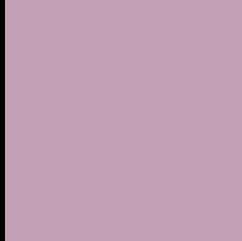
Large Text (above 18pt) WCAG AA × Fail

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 43.8503, 40.5617, 49.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

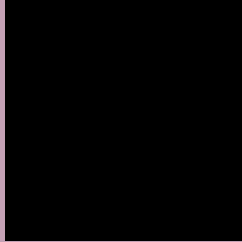
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8503, 40.5617, 49.2341

Background



This preview shows how black text looks on a background with the XYZ color 43.8503, 40.5617, 49.2341.



This preview shows how white text looks on a background with the XYZ color 43.8503, 40.5617,

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

43.8503, 40.5617, 49.2341

Protanopia

39.5998, 40.7296, 52.2288

Deuteranopia

41.4029, 40.6350, 48.8412



Tritanopia

43.1639, 40.5379, 46.1071

Trichromacy



Original Color

43.8503, 40.5617, 49.2341

Protanomaly

41.0609, 40.6818, 51.0356

Deuteranomaly

42.2527, 40.5376, 48.7776

Tritanomaly

43.3618, 40.6171, 47.1494

Monochromacy



Original Color

43.8503, 40.5617, 49.2341

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.4152, 41.4953, 47.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8503, 40.5617, 49.2341 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(196, 161, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 181)  
}
```

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(196, 161, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.8503, 40.5617, 49.2341 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(196, 161, 181) }
```


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

```
.border{ border-color:rgb(196, 161, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 161, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 161, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 161, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 161,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8503, 40.5617, 49.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 181) }
```

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

```
.background{ background-color: rgb(196,  
161, 181) }
```

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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