

Converting Colors

XYZ(47.1231, 43.3500, 47.4787)

Have a look what the booklet for
XYZ(47.1231, 43.3500, 47.4787)
contains.

XYZ(47.1231, 43.3500, 47.4787)	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(47.1231, 43.3500,
47.4787)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA5B1
RGB	207, 165, 177
RGB Percent	81%, 65%, 69%
CMY	0.1882, 0.3529, 0.3059
CMYK	0.00, 0.20, 0.14, 0.19
HSL	343°, 30%, 73%
HSV	343°, 20%, 81%
XYZ	47.1231, 43.3500, 47.4787
YIQ	178.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

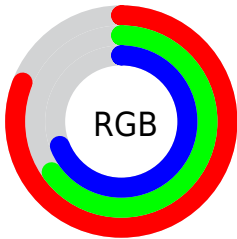
Format	Color
RYB	207, 165, 177
Decimal	13608369
CIELab	71.79, 17.32, -0.30
CIELCh	72, 17.322, 359.019
Yxy	43.3500, 0.3416, 0.3142
Android (android.graphics.Color)	4291798449 (0xFFCFA5B1)
YUV	178.9260, -0.9495, 24.6209
Hunter-Lab	65.8407, 12.5336, 3.3336

Details

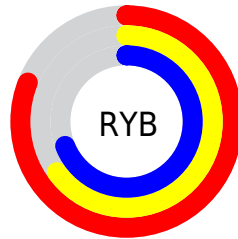
The XYZ color **47.1231, 43.3500, 47.4787** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6820, 56.5663, 60.0378**, and the grayscale version is **42.8063, 45.0356, 49.0438**.

A 20% lighter version of the original color is **81.5412, 78.3296, 87.9122**, and **22.4921, 19.9409, 21.7323** is the 20% darker color. If you saturate the color by 10%, you get **42.2925, 35.9208, 38.9866**, and if you desaturate by 10%, it is **52.7202, 52.0556, 57.0153**.

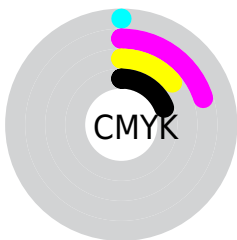
Distribution



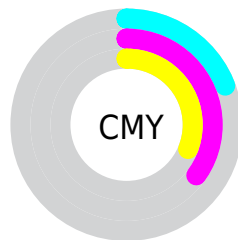
- Red (81%)
- Green (65%)
- Blue (69%)



- Red (81%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1231, 43.3500, 47.4787 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 47.1231, 43.3500, 47.4787 by changing the saturation by 10% instead.


 47.1231, 43.3500,
47.4787


 47.1231, 43.3500,
47.4787


365.9464,
360.0492, 393.1710

 33.3413, 30.1598,
33.0572


 85.1150, 80.2388,
87.7852

 22.5485, 19.9599,
21.8988


 110.0558,
104.7061, 114.5072

 14.3794, 12.3659,
13.5849


139.4470,
133.7014, 146.1666

 8.4685, 6.9934,
7.6971

173.6539,
167.6088, 183.1817

 4.4504, 3.4580,
3.8168

213.0420,
206.8130, 225.9711

 1.9600, 1.3752,
1.5254

257.9765,

 0.6113, 0.1984,

251.6981, 274.9535

0.2367

308.8229,
302.6487, 330.5473

■ 0.0000, 0.0000,
0.0000

■ 47.1231, 43.3500,
47.4787

■ 47.1231, 43.3500,
47.4787

■ 42.2925, 35.9208,
38.9866

■ 52.7202, 52.0556,
57.0153

■ 38.1906, 29.7020,
31.4999

■ 59.1120, 62.0877,
67.6282

■ 34.7819, 24.6306,
24.9810

■ 66.3297, 73.5011,
79.3512

■ 32.0264, 20.6355,
19.3888

■ 74.4020, 86.3455,
92.2158

■ 29.8797, 17.6377,
14.6788

■ 78.8950, 91.7466,
104.7650

■ 28.2916, 15.5471,
10.8029

■ 79.5424, 92.0055,
108.1743

■ 27.2033, 14.2571,
7.7072

■ 26.5252, 13.5826,
5.3790

Harmonies

Analogous

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



46.2467, 43.3500, 56.0431



47.1231, 43.3500, 47.4787



46.3514, 43.3500, 39.7682

Triad

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



47.1231, 43.3500, 47.4787



38.5186, 43.3500, 34.4013



38.3584, 43.3500, 62.5013

Complementary

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



47.1231, 43.3500, 47.4787



47.6820, 56.5663, 60.0378

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.



36.4505, 43.3500, 55.5061



47.1231, 43.3500, 47.4787



36.5398, 43.3500, 39.3412

Square

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



47.1231, 43.3500, 47.4787



41.2998, 43.3500, 32.7817



35.8005, 43.3500, 46.9239



41.1061, 43.3500, 65.3276

Rectangle

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



47.1231, 43.3500, 47.4787



45.0260, 43.3500, 35.9939



35.8005, 43.3500, 46.9239



37.6025, 43.3500, 60.5214

Sweetspot

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



47.1243, 43.3520, 47.4796



88.6517, 89.9396, 98.3317



47.0701, 42.9397, 64.8394



18.8322, 19.0268, 20.8092



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.



47.1243, 43.3520, 47.4796



72.2805, 64.4719, 70.4481



47.5455, 46.0247, 41.9774



11.9456, 11.8630, 12.9894



16.7474, 8.5718, 3.5763



0.9708, 0.4930, 0.3808

Inverse Universe

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



47.1243, 43.3520, 47.4796



72.2805, 64.4719, 70.4481



47.1126, 53.1687, 66.8115



11.9456, 11.8630, 12.9894



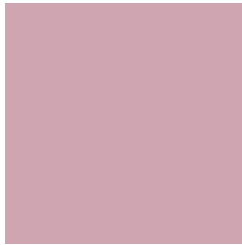
16.7474, 8.5718, 3.5763



0.9708, 0.4930, 0.3808

Previews

White Background



This preview shows how the XYZ color 47.1231, 43.3500, 47.4787 looks on a white background.

Color Contrast Check

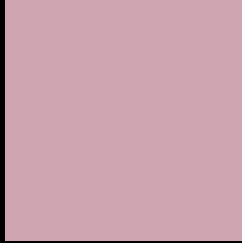
Large Text (above 18pt) WCAG AA × Fail

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 47.1231, 43.3500, 47.4787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

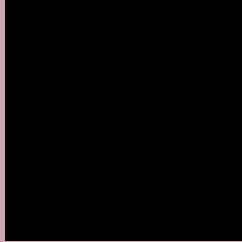
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1231, 43.3500, 47.4787

Background



This preview shows how black text looks on a background with the XYZ color 47.1231, 43.3500, 47.4787.



This preview shows how white text looks on a background with the XYZ color 47.1231, 43.3500,

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

47.1231, 43.3500, 47.4787

Protanopia

42.0087, 43.4260, 50.9677

Deuteranopia

44.3917, 43.5979, 47.1498



Tritanopia

47.2231, 43.3900, 48.0057

Trichromacy



Original Color

47.1231, 43.3500, 47.4787

Protanomaly

43.6424, 43.1534, 49.7453

Deuteranomaly

45.3131, 43.5163, 47.0855

Tritanomaly

47.2231, 43.3900, 48.0057

Monochromacy



Original Color

47.1231, 43.3500, 47.4787

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.1582, 44.3053, 48.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1231, 43.3500, 47.4787 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, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 177)  
}
```

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, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.1231, 43.3500, 47.4787 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, 165, 177) }
```


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

```
.border{ border-color:rgb(207, 165, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1231, 43.3500, 47.4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 177) }
```

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

```
.background{ background-color: rgb(207,  
165, 177) }
```

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