

Converting Colors

XYZ(47.9972, 44.1235, 61.0938)

Have a look what the booklet for
XYZ(47.9972, 44.1235, 61.0938)
contains.

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Color

**XYZ(47.9145, 43.9966,
61.2252)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C7A7C9 |
| RGB | 199, 167, 201 |
| RGB Percent | 78%, 65%, 79% |
| CMY | 0.2196, 0.3451, 0.2118 |
| CMYK | 0.01, 0.17, 0.00, 0.21 |
| HSL | 296°, 24%, 72% |
| HSV | 296°, 17%, 79% |
| XYZ | 47.9145, 43.9966, 61.2252 |
| YIQ | 180.4440, 8.1580, 17.3580 |

Conversions

Conversions Part 2

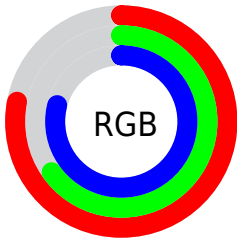
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 199, 167, 201 |
| Decimal | 13084617 |
| CIE _{Lab} | 72.23, 17.65, -12.96 |
| CIE _{LCh} | 72, 21.899, 323.705 |
| Yxy | 43.9966, 0.3129, 0.2873 |
| Android (android.graphics.Color) | 4291274697 (0xFFC7A7C9) |
| YUV | 180.4440, 10.1341, 16.2736 |
| Hunter-Lab | 66.3299, 12.8650, -8.2961 |

Details

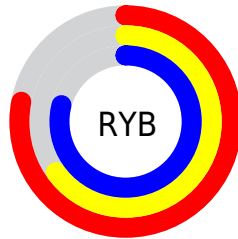
The XYZ color **47.9145, 43.9966, 61.2252** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.2255, 52.9995, 44.4605**, and the grayscale version is **43.5663, 45.8351, 49.9144**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **23.0742, 20.3878, 30.3229** is the 20% darker color. If you saturate the color by 10%, you get **44.2026, 37.0360, 60.0780**, and if you desaturate by 10%, it is **52.2038, 52.1069, 62.5652**.

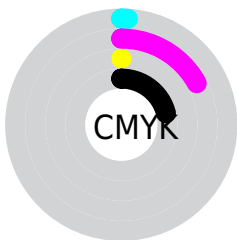
Distribution



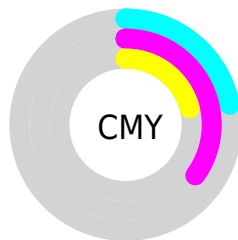
- Red (78%)
- Green (65%)
- Blue (79%)



- Red (78%)
- Yellow (65%)
- Blue (79%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)





- Cyan (22%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9145, 43.9966, 61.2252 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 47.9145, 43.9966, 61.2252 by changing the saturation by 10% instead.


 47.9145, 43.9966,
61.2252


 47.9145, 43.9966,
61.2252


369.0414,
362.6944, 447.0286

 33.9702, 30.6678,
43.9752


 86.2876, 81.2126,
108.1656

 23.0335, 20.3460,
30.3140


 111.4470,
105.8687, 138.6932

 14.7390, 12.6468,
19.8229


141.0755,
135.0693, 174.4836

 8.7216, 7.1858,
12.0836

175.5384,
169.1988, 215.9555

 4.6157, 3.5786,
6.6774

215.2011,
208.6417, 263.5275

 2.0560, 1.4407,
3.1858

260.4289,

 0.6651, 0.2465,

253.7824, 317.6179

1.1903

311.5872,
305.0051, 378.6455

■ 0.0000, 0.0000,
0.0000

■ 47.9145, 43.9966,
61.2252

■ 47.9145, 43.9966,
61.2252

■ 44.2026, 37.0360,
60.0780

■ 52.2038, 52.1069,
62.5652

■ 41.0377, 31.1667,
59.1119

■ 57.0912, 61.4104,
64.1034

■ 38.3928, 26.3336,
58.3184

■ 62.6011, 71.9554,
65.8484

■ 36.2369, 22.4749,
57.6872

■ 68.7557, 83.7860,
67.8075

■ 34.5356, 19.5219,
57.2069

■ 71.4557, 88.7039,
68.6145

■ 33.2502, 17.3971,
56.8645

■ 71.7829, 88.8726,
68.6298

■ 32.3355, 16.0101,
56.6450

■ 72.1127, 89.0426,
68.6452

■ 31.7310, 15.2400,
56.5282

■ 72.4449, 89.2139,
68.6608

■ 31.5729, 15.0586,
56.5015

■ 72.7795, 89.3864,
68.6764

Harmonies

Analogous

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



44.7896, 43.9966, 69.4557



47.9145, 43.9966, 61.2252



49.4170, 43.9966, 50.2093

Triad

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



47.9145, 43.9966, 61.2252



42.6146, 43.9966, 30.1422



35.5454, 43.9966, 56.7135

Complementary

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



47.9145, 43.9966, 61.2252



44.2255, 52.9995, 44.4605

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.



35.0399, 43.9966, 45.6719



47.9145, 43.9966, 61.2252



38.9798, 43.9966, 31.3482

Square

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



47.9145, 43.9966, 61.2252



46.2412, 43.9966, 33.0893



36.2609, 43.9966, 36.6718



37.6852, 43.9966, 66.5901

Rectangle

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



47.9145, 43.9966, 61.2252



49.2360, 43.9966, 43.1682



36.2609, 43.9966, 36.6718



35.1842, 43.9966, 52.9759

Sweetspot

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



47.9158, 43.9985, 61.2262



90.8412, 91.9912, 107.5760



40.7185, 40.9100, 61.0093



19.3217, 19.4581, 22.9874



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.



47.9158, 43.9985, 61.2262



79.7877, 71.1012, 104.1264



46.7988, 43.6134, 52.5563



11.0191, 10.7836, 13.4182



19.8791, 9.4823, 35.5269



0.9604, 0.4589, 1.6831

Inverse Universe

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



45.0691, 42.9215, 43.4476



74.0954, 68.9507, 68.4351



45.2405, 53.3563, 52.0277



10.6587, 10.6469, 11.1862



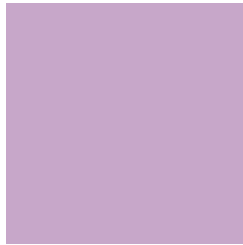
15.1978, 7.8287, 0.9858



0.7286, 0.3743, 0.0941

Previews

White Background



This preview shows how the XYZ color 47.9145, 43.9966, 61.2252 looks on a white background.

Color Contrast Check

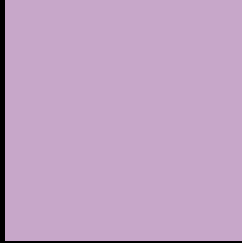
Large Text (above 18pt) WCAG AA × Fail

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 47.9145, 43.9966, 61.2252 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 47.9145, 43.9966, 61.2252

Background



This preview shows how black text looks on a background with the XYZ color 47.9145, 43.9966, 61.2252.



This preview shows how white text looks on a background with the XYZ color 47.9145, 43.9966,

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

47.9145, 43.9966, 61.2252

Protanopia

43.5824, 44.2136, 65.2685

Deuteranopia

45.1361, 44.2476, 60.8053



Tritanopia

45.6869, 43.9041, 50.8661

Trichromacy



Original Color

47.9145, 43.9966, 61.2252

Protanomaly

45.0191, 44.1187, 63.9006

Deuteranomaly

45.9745, 44.1148, 60.7355

Tritanomaly

46.5082, 43.9640, 54.7498

Monochromacy



Original Color

47.9145, 43.9966, 61.2252

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.9006, 44.8556, 53.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9145, 43.9966, 61.2252 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(199, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 201)  
}
```

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(199, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.9145, 43.9966, 61.2252 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(199, 167, 201) }
```


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

```
.border{ border-color:rgb(199, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9145, 43.9966, 61.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 201) }
```

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

```
.background{ background-color: rgb(199,  
167, 201) }
```

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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