

Converting Colors

XYZ(44.5431, 42.5375, 47.2021)

Have a look what the booklet for
XYZ(44.5431, 42.5375, 47.2021)
contains.

| | |
|--|----|
| XYZ(44.5195, 42.5475, 47.4610) | 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(44.5195, 42.5475,
47.4610)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C4A7B1 |
| RGB | 196, 167, 177 |
| RGB Percent | 77%, 65%, 69% |
| CMY | 0.2314, 0.3451, 0.3059 |
| CMYK | 0.00, 0.15, 0.10, 0.23 |
| HSL | 339°, 20%, 71% |
| HSV | 339°, 15%, 77% |
| XYZ | 44.5195, 42.5475, 47.4610 |
| YIQ | 176.8110, 14.0740, 9.2580 |

Conversions

Conversions Part 2

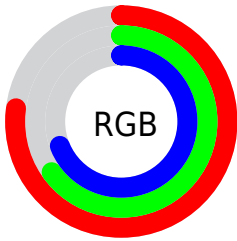
| Format | Color |
|-------------------------------------|--|
| RYB | 196, 167, 177 |
| Decimal | 12887985 |
| CIELab | 71.25, 12.24, -1.22 |
| CIELCh | 71, 12.303, 354.321 |
| Yxy | 42.5475, 0.3309, 0.3163 |
| Android (android.graphics.Color) | 4291078065 (0xFFC4A7B1) |
| YUV | 176.8110, 0.0932, 16.8288 |
| Hunter-Lab | 65.2284, 7.6794, 2.5198 |

Details

The XYZ color **44.5195, 42.5475, 47.4610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5409, 51.2417, 54.0000**, and the grayscale version is **41.6861, 43.8571, 47.7603**.

A 20% lighter version of the original color is **81.3373, 79.0084, 88.0540**, and **20.9242, 19.4675, 21.7236** is the 20% darker color. If you saturate the color by 10%, you get **39.9771, 35.4154, 39.9257**, and if you desaturate by 10%, it is **49.7290, 50.8199, 55.8141**.

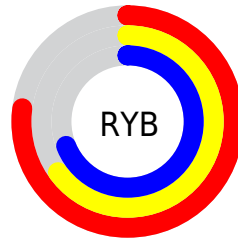
Distribution



Red (77%)

Green (65%)

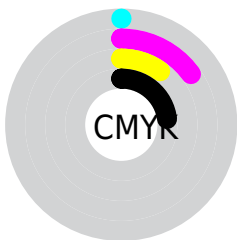
Blue (69%)



Red (77%)

Yellow (65%)

Blue (69%)

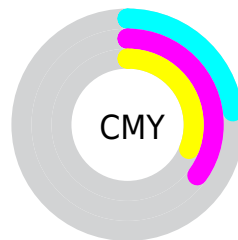


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5195, 42.5475, 47.4610 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 44.5195, 42.5475, 47.4610 by changing the saturation by 10% instead.


 44.5195, 42.5475,
47.4610


 44.5195, 42.5475,
47.4610


355.6405,
356.7475, 393.0986

 31.2788, 29.5302,
33.0433


 81.2404, 79.0276,
87.7585

 20.9641, 19.4823,
21.8882


 105.4513,
103.2592, 114.4754

 13.2101, 12.0193,
13.5773


134.0497,
131.9977, 146.1291

 7.6514, 6.7568,
7.6919

167.4008,
165.6275, 183.1381

 3.9226, 3.3105,
3.8135

205.8701,
204.5330, 225.9211

 1.6584, 1.2959,
1.5236

249.8230,

 0.4300, 0.1380,

249.0986, 274.8964

0.2354

299.6246,
299.7086, 330.4827

■ 0.0000, 0.0000,
0.0000

■ 44.5195, 42.5475,
47.4610

■ 44.5195, 42.5475,
47.4610

■ 39.9771, 35.4154,
39.9257

■ 49.7290, 50.8199,
55.8141

■ 36.0705, 29.3679,
33.1800

■ 55.6281, 60.2741,
65.0067

■ 32.7711, 24.3529,
27.1977

■ 62.2425, 70.9562,
75.0630

■ 30.0468, 20.3118,
21.9504

■ 69.5958, 82.9082,
86.0054

■ 27.8622, 17.1801,
17.4073

■ 74.4347, 89.6197,
96.7636

■ 26.1780, 14.8855,
13.5356

■ 76.4241, 90.4154,
107.2394

■ 24.9490, 13.3443,
10.2991

■ 76.5752, 90.4759,
108.0354

■ 24.1207, 12.4553,
7.6569

■ 23.7956, 12.1480,
6.4911

Harmonies

Analogous

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



43.7505, 42.5475, 53.2778



44.5195, 42.5475, 47.4610



44.1657, 42.5475, 41.8017

Triad

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



44.5195, 42.5475, 47.4610



38.8275, 42.5475, 36.7219



38.1692, 42.5475, 56.1870

Complementary

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



44.5195, 42.5475, 47.4610



44.5409, 51.2417, 54.0000

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.



36.9302, 42.5475, 51.1677



44.5195, 42.5475, 47.4610



37.3011, 42.5475, 40.0086

Square

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



44.5195, 42.5475, 47.4610



40.8342, 42.5475, 35.9117



36.6179, 42.5475, 45.2112



40.0486, 42.5475, 58.5833

Rectangle

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



44.5195, 42.5475, 47.4610



43.3466, 42.5475, 38.8306



36.6179, 42.5475, 45.2112



37.6665, 42.5475, 54.7310

Sweetspot

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



44.5207, 42.5494, 47.4619



90.8244, 93.2408, 102.2749



43.9973, 42.0453, 58.0218



19.2750, 19.6938, 21.6304



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.



44.5207, 42.5494, 47.4619



77.6452, 72.3421, 81.0509



44.3706, 43.7859, 42.6744



10.2133, 10.1339, 11.2139



15.3263, 7.8203, 4.3645



0.6949, 0.3510, 0.3609

Inverse Universe

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



44.5207, 42.5494, 47.4619



77.6452, 72.3421, 81.0509



44.6745, 49.7480, 59.4729



10.2133, 10.1339, 11.2139



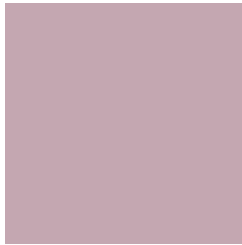
15.3263, 7.8203, 4.3645



0.6949, 0.3510, 0.3609

Previews

White Background



This preview shows how the XYZ color 44.5195, 42.5475, 47.4610 looks on a white background.

Color Contrast Check

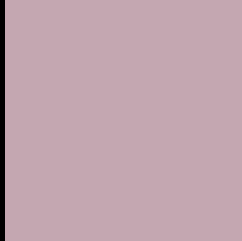
Large Text (above 18pt) WCAG AA × Fail

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 44.5195, 42.5475, 47.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

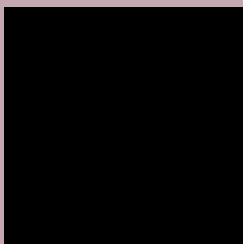
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

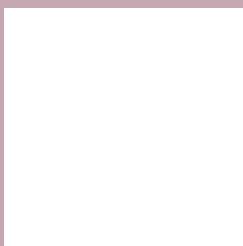
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5195, 42.5475, 47.4610

Background



This preview shows how black text looks on a background with the XYZ color 44.5195, 42.5475, 47.4610.



This preview shows how white text looks on a background with the XYZ color 44.5195, 42.5475,

47.4610.

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

44.5195, 42.5475, 47.4610

Protanopia

41.3810, 42.8384, 49.8037

Deuteranopia

43.3590, 42.4974, 47.5125



Tritanopia

44.8219, 42.6685, 49.0535

Trichromacy



Original Color

44.5195, 42.5475, 47.4610

Protanomaly

42.3296, 42.4884, 49.1501

Deuteranomaly

43.6767, 42.3861, 47.4743

Tritanomaly

44.7204, 42.6279, 48.5188

Monochromacy



Original Color

44.5195, 42.5475, 47.4610

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.6465, 43.2518, 47.6957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5195, 42.5475, 47.4610 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, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 167, 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(196, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 167, 177) }
```

Border

The CSS property to change the border of an element to XYZ 44.5195, 42.5475, 47.4610 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, 167, 177) }
```


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

```
.border{ border-color:rgb(196, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(196, 167,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5195, 42.5475, 47.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 167, 177) }
```

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

```
.background{ background-color: rgb(196,  
167, 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