

Converting Colors

XYZ(47.9151, 45.5262, 59.5635)

Have a look what the booklet for
XYZ(47.9151, 45.5262, 59.5635)
contains.

| | |
|------------------------------------------------|----|
| XYZ(47.9715, 45.4526, 59.6709) | 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(47.9715, 45.4526,
59.6709)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C5ACC6 |
| RGB | 197, 172, 198 |
| RGB Percent | 77%, 67%, 78% |
| CMY | 0.2274, 0.3255, 0.2235 |
| CMYK | 0.01, 0.13, 0.00, 0.22 |
| HSL | 298°, 19%, 73% |
| HSV | 298°, 13%, 78% |
| XYZ | 47.9715, 45.4526, 59.6709 |
| YIQ | 182.4390, 6.5540, 13.3860 |

Conversions

Conversions Part 2

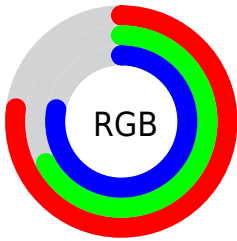
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 197, 172, 198 |
| Decimal | 12954822 |
| CIE Lab | 73.19, 13.66, -9.89 |
| CIE LCh | 73, 16.866, 324.080 |
| Yxy | 45.4526, 0.3133, 0.2969 |
| Android (android.graphics.Color) | 4291144902 (0xFFC5ACC6) |
| YUV | 182.4390, 7.6716, 12.7700 |
| Hunter-Lab | 67.4185, 9.0288, -5.2835 |

Details

The XYZ color **47.9715, 45.4526, 59.6709** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.8757, 52.2521, 46.7525**, and the grayscale version is **44.6608, 46.9867, 51.1685**.

A 20% lighter version of the original color is **86.3921, 83.2290, 106.1192**, and **23.0782, 21.2862, 29.2779** is the 20% darker color. If you saturate the color by 10%, you get **44.2820, 38.3681, 58.4986**, and if you desaturate by 10%, it is **52.2262, 53.6644, 61.0324**.

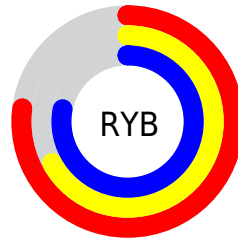
Distribution



Red (77%)

Green (67%)

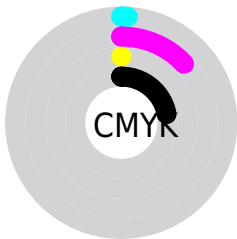
Blue (78%)



Red (77%)

Yellow (67%)

Blue (78%)

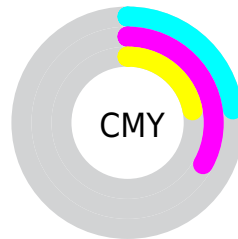


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9715, 45.4526, 59.6709 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 47.9715, 45.4526, 59.6709 by changing the saturation by 10% instead.


 47.9715, 45.4526,
59.6709

 47.9715, 45.4526,
59.6709


369.2636,
368.6035, 441.1546

 34.0155, 31.8141,
42.7299


 86.3719, 83.3992,
105.8908

 23.0684, 21.2195,
29.3434


111.5470,
108.4760, 136.0068

 14.7650, 13.2846,
19.0929


141.1925,
138.1344, 171.3514

 8.7399, 7.6248,
11.5600

175.6738,
172.7587, 212.3434

 4.6277, 3.8558,
6.3259

215.3562,
212.7334, 259.4011

 2.0630, 1.5932,
2.9723

260.6051,

 0.6690, 0.3530,

258.4429, 312.9432

1.0805

311.7857,
310.2714, 373.3882

■ 0.0000, 0.0000,
0.0000

■ 47.9715, 45.4526,
59.6709

■ 47.9715, 45.4526,
59.6709

■ 44.2820, 38.3681,
58.4986

■ 52.2262, 53.6644,
61.0324

■ 41.1288, 32.3556,
57.5042

■ 57.0651, 63.0441,
62.5878

■ 38.4867, 27.3638,
56.6800

■ 62.5117, 73.6373,
64.3454

■ 36.3269, 23.3350,
56.0162

■ 68.5865, 85.4857,
66.3122

■ 34.6177, 20.2058,
55.5023

■ 69.9892, 87.9883,
66.7213

33.3234, 17.9051,
55.1264

70.1942, 88.0940,
66.7309

32.4032, 16.3510,
54.8749

70.4002, 88.2002,
66.7406

31.8079, 15.4453,
54.7315

70.6072, 88.3069,
66.7503

31.5248, 15.0741,
54.6748

70.8153, 88.4142,
66.7600

Harmonies

Analogous

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



45.5630, 45.4526, 65.8952



47.9715, 45.4526, 59.6709



49.1072, 45.4526, 51.1886

Triad

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



47.9715, 45.4526, 59.6709



43.7904, 45.4526, 34.9959



38.2154, 45.4526, 56.4360

Complementary

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



47.9715, 45.4526, 59.6709



44.8757, 52.2521, 46.7525

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.



37.7890, 45.4526, 47.8297



47.9715, 45.4526, 59.6709



40.9227, 45.4526, 36.0624

Square

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



47.9715, 45.4526, 59.6709



46.6235, 45.4526, 37.4395



38.7584, 45.4526, 40.5387



39.9508, 45.4526, 63.8835

Rectangle

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



47.9715, 45.4526, 59.6709



48.9544, 45.4526, 45.6333



38.7584, 45.4526, 40.5387



37.9177, 45.4526, 53.5584

Sweetspot

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



47.9728, 45.4546, 59.6719



91.7377, 93.5895, 107.8372



42.2095, 42.8525, 59.4734



19.5064, 19.7821, 23.0402



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.



47.9728, 45.4546, 59.6719



82.8122, 76.3780, 104.9855



46.9375, 45.0708, 52.8489



11.0412, 10.7950, 13.4192



20.5184, 9.8119, 35.5568



0.9844, 0.4712, 1.6842

Inverse Universe

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



45.5857, 44.5300, 45.7300



77.7021, 74.4004, 75.0748



45.8292, 52.6081, 52.9233



10.6501, 10.6434, 11.1408



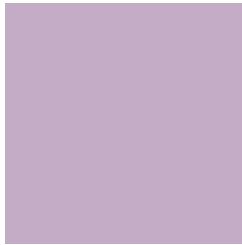
15.1796, 7.8214, 0.8899



0.7246, 0.3727, 0.0732

Previews

White Background



This preview shows how the XYZ color 47.9715, 45.4526, 59.6709 looks on a white background.

Color Contrast Check

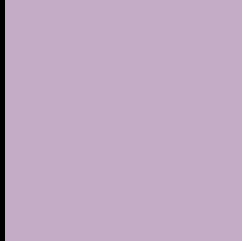
Large Text (above 18pt) WCAG AA × Fail

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 47.9715, 45.4526, 59.6709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

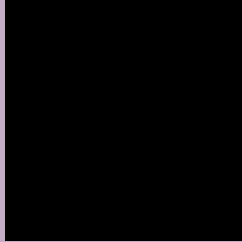
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9715, 45.4526, 59.6709

Background



This preview shows how black text looks on a background with the XYZ color 47.9715, 45.4526, 59.6709.



This preview shows how white text looks on a background with the XYZ color 47.9715, 45.4526,

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

47.9715, 45.4526, 59.6709

Protanopia

44.6853, 45.7346, 62.3496

Deuteranopia

46.3943, 45.5100, 59.1624



Tritanopia

46.6114, 45.4621, 53.3321

Trichromacy



Original Color

47.9715, 45.4526, 59.6709

Protanomaly

45.8351, 45.4581, 61.6169

Deuteranomaly

46.9523, 45.5098, 59.1329

Tritanomaly

47.1125, 45.3845, 55.5672

Monochromacy



Original Color

47.9715, 45.4526, 59.6709

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4910, 46.0364, 54.0652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9715, 45.4526, 59.6709 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, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 198)  
}
```

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, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.9715, 45.4526, 59.6709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

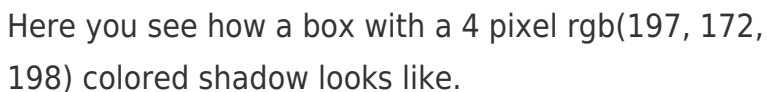
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 172, 198) }
```


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

```
.border{ border-color:rgb(197, 172, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9715, 45.4526, 59.6709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 172, 198) }
```

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

```
.background{ background-color: rgb(197,  
172, 198) }
```

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