

Converting Colors

XYZ(52.9696, 52.3794, 69.6088)

Have a look what the booklet for
XYZ(52.9696, 52.3794, 69.6088)
contains.

XYZ(52.9427, 52.2999, 69.5919)	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(52.9427, 52.2999,
69.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BBD4
RGB	198, 187, 212
RGB Percent	78%, 73%, 83%
CMY	0.2235, 0.2666, 0.1686
CMYK	0.07, 0.12, 0.00, 0.17
HSL	266°, 23%, 78%
HSV	266°, 12%, 83%
XYZ	52.9427, 52.2999, 69.5919
YIQ	193.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

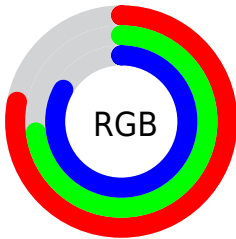
Format	Color
R _Y B	198, 187, 212
Decimal	13024212
CIE Lab	77.46, 8.55, -11.14
CIE LCh	77, 14.044, 307.509
Yxy	52.2999, 0.3028, 0.2991
Android (android.graphics.Color)	4291214292 (0xFFC6BBD4)
YUV	193.1390, 9.2985, 4.2631
Hunter-Lab	72.3187, 4.1177, -6.4314

Details

The XYZ color **52.9427, 52.2999, 69.5919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6025, 63.0938, 56.2113**, and the grayscale version is **50.7193, 53.3606, 58.1097**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **26.1125, 25.4138, 35.4274** is the 20% darker color. If you saturate the color by 10%, you get **45.7654, 42.4101, 68.0621**, and if you desaturate by 10%, it is **61.0324, 63.6485, 71.3568**.

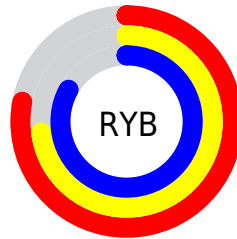
Distribution



Red (78%)

Green (73%)

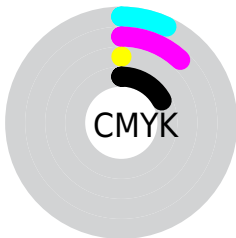
Blue (83%)



Red (78%)

Yellow (73%)

Blue (83%)

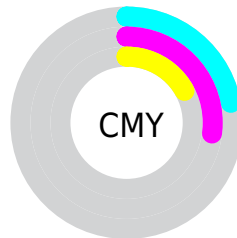


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (27%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9427, 52.2999, 69.5919 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 52.9427, 52.2999, 69.5919 by changing the saturation by 10% instead.

■ 52.9427, 52.2999,
69.5919

■ 52.9427, 52.2999,
69.5919

388.3297,
395.5933, 477.8662

■ 37.9843, 37.2442,
50.7192

■ 93.6861, 93.5734,
120.3022

■ 26.1477, 25.3966,
35.6100

120.2018,
120.5599, 152.9769

■ 17.0674, 16.3728,
23.8458

151.3006,
152.2922, 191.0893

■ 10.3782, 9.7883,
15.0081

187.3480,
189.1546, 235.0580

■ 5.7146, 5.2588,
8.6784

228.7092,
231.5315, 285.3015

■ 2.7113, 2.3999,
4.4381

275.7497,

■ 1.0030, 0.8258,

279.8073, 342.2383

1.8686

328.8347,
334.3665, 406.2870

■ 0.0000, 0.0000,
0.4727

■ 0.0000, 0.0000,
0.0000

■ 52.9427, 52.2999,
69.5919

■ 52.9427, 52.2999,
69.5919

■ 45.7654, 42.4101,
68.0621

■ 61.0324, 63.6485,
71.3568

■ 39.4613, 33.9116,
66.7539

■ 70.0625, 76.5064,
73.3627

■ 33.9950, 26.7414,
65.6581

■ 80.0653, 90.9298,
75.6195

■ 29.3267, 20.8288,
64.7629

■ 85.4730, 95.7752,
76.2697

■ 25.4131, 16.0966,
64.0557

■ 88.8838, 97.5335,
76.4294

■ 22.2063, 12.4585,
63.5225

■ 19.6519, 9.8159,
63.1471

■ 17.6858, 8.0515,
62.9101

■ 16.4252, 7.0947,
62.7919

Harmonies

Analogous

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



50.3920, 52.2999, 73.0193



52.9427, 52.2999, 69.5919



54.6693, 52.2999, 62.8332

Triad

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



52.9427, 52.2999, 69.5919



51.7248, 52.2999, 44.2670



44.7313, 52.2999, 58.9138

Complementary

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



52.9427, 52.2999, 69.5919



56.6025, 63.0938, 56.2113

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.



45.0591, 52.2999, 51.4379



52.9427, 52.2999, 69.5919



49.0331, 52.2999, 43.4230

Square

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



52.9427, 52.2999, 69.5919



53.9486, 52.2999, 48.3524



46.6107, 52.2999, 45.9326



45.6985, 52.2999, 66.5012

Rectangle

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



52.9427, 52.2999, 69.5919



55.0864, 52.2999, 57.5951



46.6107, 52.2999, 45.9326



44.6943, 52.2999, 56.3012

Sweetspot

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



52.9443, 52.3021, 69.5930



89.8114, 92.5965, 107.7471



53.3046, 57.1712, 70.5139



19.0180, 19.5304, 23.0173



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.



52.9443, 52.3021, 69.5930



77.7227, 75.7029, 105.1234



56.3289, 54.0470, 69.7514



12.2559, 12.2733, 15.6605



10.2509, 4.4370, 38.7693



0.7124, 0.3162, 2.3428

Inverse Universe

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



55.4662, 53.7571, 62.7137



82.2734, 78.3291, 92.6722



53.4187, 61.4524, 56.0623



12.7116, 12.5361, 14.4213



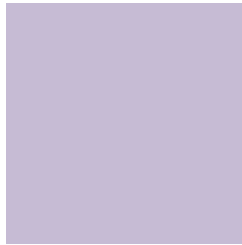
18.8588, 9.4799, 11.8266



1.1788, 0.5883, 0.9309

Previews

White Background



This preview shows how the XYZ color 52.9427, 52.2999, 69.5919 looks on a white background.

Color Contrast Check

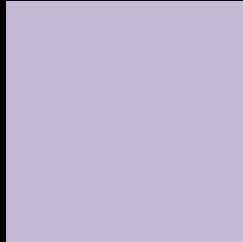
Large Text (above 18pt) WCAG AA × Fail

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 52.9427, 52.2999, 69.5919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

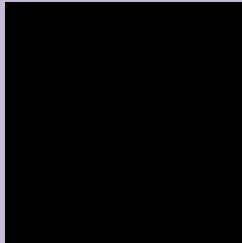
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9427, 52.2999, 69.5919

Background



This preview shows how black text looks on a background with the XYZ color 52.9427, 52.2999, 69.5919.



This preview shows how white text looks on a background with the XYZ color 52.9427, 52.2999,

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

52.9427, 52.2999, 69.5919

Protanopia

51.2901, 52.3733, 71.0241

Deuteranopia

53.2620, 52.1506, 69.5462



Tritanopia

51.7887, 52.1486, 63.8360

Trichromacy



Original Color

52.9427, 52.2999, 69.5919

Protanomaly

51.9461, 52.4058, 70.3283

Deuteranomaly

52.9958, 52.0134, 69.5338

Tritanomaly

52.1498, 52.2930, 65.7375

Monochromacy



Original Color

52.9427, 52.2999, 69.5919

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5618, 53.0338, 62.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9427, 52.2999, 69.5919 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(198, 187, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 212)  
}
```

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(198, 187, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 212) }
```

Border

The CSS property to change the border of an element to XYZ 52.9427, 52.2999, 69.5919 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(198, 187, 212) }
```


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

```
.border{ border-color:rgb(198, 187, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 187, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9427, 52.2999, 69.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 212) }
```

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

```
.background{ background-color: rgb(198,  
187, 212) }
```

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