

Converting Colors

XYZ(52.7551, 48.6913, 61.1195)

Have a look what the booklet for
XYZ(52.7551, 48.6913, 61.1195)
contains.

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Color

**XYZ(52.9067, 48.8271,
61.2797)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D4AFC8 |
| RGB | 212, 175, 200 |
| RGB Percent | 83%, 69%, 78% |
| CMY | 0.1686, 0.3137, 0.2157 |
| CMYK | 0.00, 0.17, 0.06, 0.17 |
| HSL | 319°, 30%, 76% |
| HSV | 319°, 17%, 83% |
| XYZ | 52.9067, 48.8271, 61.2797 |
| YIQ | 188.9130, 14.0270, 15.6190 |

Conversions

Conversions Part 2

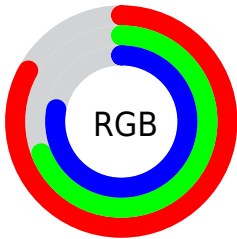
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 212, 175, 200 |
| Decimal | 13938632 |
| CIE Lab | 75.34, 17.58, -7.64 |
| CIE LCh | 75, 19.167, 336.518 |
| Yxy | 48.8271, 0.3246, 0.2995 |
| Android (android.graphics.Color) | 4292128712 (0xFFD4AFC8) |
| YUV | 188.9130, 5.4659, 20.2473 |
| Hunter-Lab | 69.8764, 12.8671, -3.0822 |

Details

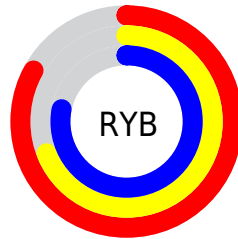
The XYZ color **52.9067, 48.8271, 61.2797** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.1943, 59.7902, 55.9116**, and the grayscale version is **48.2854, 50.8000, 55.3212**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **26.0525, 23.1625, 30.2918** is the 20% darker color. If you saturate the color by 10%, you get **48.3147, 40.8999, 55.8731**, and if you desaturate by 10%, it is **58.1855, 58.0686, 67.0947**.

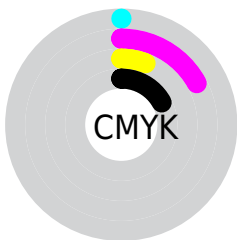
Distribution



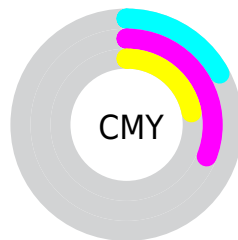
- Red (83%)
- Green (69%)
- Blue (78%)



- Red (83%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (17%)





- Cyan (17%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9067, 48.8271, 61.2797 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 52.9067, 48.8271, 61.2797 by changing the saturation by 10% instead.


 52.9067, 48.8271,
61.2797

 52.9067, 48.8271,
61.2797


388.1938,
382.0613, 447.2337

 37.9555, 34.4823,
44.0189

 93.6334, 88.4346,
108.2453

 26.1252, 23.2644,
30.3481


120.1396,
114.4661, 138.7872

 17.0505, 14.7889,
19.8486


151.2281,
145.1621, 174.5932

 10.3660, 8.6713,
12.1021

187.2644,
180.9068, 216.0818

 5.7064, 4.5274,
6.6899

228.6137,
222.0846, 263.6716

 2.7064, 1.9728,
3.1934

275.6415,

 1.0005, 0.5916,

269.0801, 317.7812

1.1942

328.7131,
322.2775, 378.8291

■ 0.0000, 0.0000,
0.0000

■ 52.9067, 48.8271,
61.2797

■ 52.9067, 48.8271,
61.2797

■ 48.3147, 40.8999,
55.8731

■ 58.1855, 58.0686,
67.0947

■ 44.3746, 34.2200,
50.8592

■ 64.1753, 68.6745,
73.3269

■ 41.0548, 28.7243,
46.2258

■ 70.9047, 80.7001,
79.9884

■ 38.3193, 24.3417,
41.9585

■ 76.8470, 91.0913,
86.5725

■ 36.1282, 20.9932,
38.0414

■ 77.8182, 91.4798,
91.6869

■ 34.4364, 18.5894,
34.4570

■ 78.8278, 91.8836,
97.0033

■ 33.1912, 17.0257,
31.1853

■ 79.8762, 92.3030,
102.5241

■ 32.3204, 16.1586,
28.1994

■ 80.9617, 92.7372,
108.2407

■ 32.1277, 15.9876,
27.4734

Harmonies

Analogous

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



50.5599, 48.8271, 70.3394



52.9067, 48.8271, 61.2797



53.4734, 48.8271, 50.9912

Triad

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



52.9067, 48.8271, 61.2797



45.6435, 48.8271, 36.1173



41.1721, 48.8271, 65.5720

Complementary

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



52.9067, 48.8271, 61.2797



50.1943, 59.7902, 55.9116

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.



39.9954, 48.8271, 55.3985



52.9067, 48.8271, 61.2797



42.4912, 48.8271, 39.0409

Square

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



52.9067, 48.8271, 61.2797



49.1620, 48.8271, 37.2746



40.4658, 48.8271, 45.7992



43.7602, 48.8271, 73.0287

Rectangle

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



52.9067, 48.8271, 61.2797



52.7412, 48.8271, 44.9603



40.4658, 48.8271, 45.7992



40.6045, 48.8271, 62.3104

Sweetspot

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



52.9081, 48.8293, 61.2807



90.4578, 91.8697, 104.1198



47.6399, 45.9449, 68.6456



19.2284, 19.4285, 22.1449



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.



52.9081, 48.8293, 61.2807



77.6101, 69.3948, 89.9087



50.9042, 48.0277, 50.7283



12.7737, 12.5610, 14.7486



19.8815, 9.8889, 17.2116



1.2364, 0.6113, 1.2341

Inverse Universe

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



52.9081, 48.8293, 61.2807



77.6101, 69.3948, 89.9087



52.2699, 60.6205, 66.8421



12.7737, 12.5610, 14.7486



19.8815, 9.8889, 17.2116



1.2364, 0.6113, 1.2341

Previews

White Background



This preview shows how the XYZ color 52.9067, 48.8271, 61.2797 looks on a white background.

Color Contrast Check

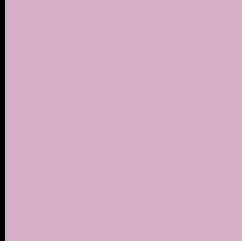
Large Text (above 18pt) WCAG AA × Fail

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 52.9067, 48.8271, 61.2797 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 52.9067, 48.8271, 61.2797

Background



This preview shows how black text looks on a background with the XYZ color 52.9067, 48.8271, 61.2797.



This preview shows how white text looks on a background with the XYZ color 52.9067, 48.8271,

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

52.9067, 48.8271, 61.2797

Protanopia

47.8095, 48.8045, 65.2929

Deuteranopia

49.9188, 48.7718, 60.8157



Tritanopia

51.8804, 49.0109, 55.4409

Trichromacy



Original Color

52.9067, 48.8271, 61.2797

Protanomaly

49.6711, 48.8767, 63.9429

Deuteranomaly

50.8578, 48.6608, 60.7448

Tritanomaly

52.1269, 48.7946, 57.7098

Monochromacy



Original Color

52.9067, 48.8271, 61.2797

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.7921, 50.0016, 57.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9067, 48.8271, 61.2797 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(212, 175, 200)` looks like.

```
.text, #text, p{  
    color:rgb(212, 175, 200)  
}
```

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(212, 175, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 175, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.9067, 48.8271, 61.2797 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(212, 175, 200) }
```


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

```
.border{ border-color:rgb(212, 175, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 175, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 175, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 175, 200); box-shadow:4px 4px 4px 4px rgb(212, 175, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9067, 48.8271, 61.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 175, 200) }
```

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

```
.background{ background-color: rgb(212,  
175, 200) }
```

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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