

Converting Colors

XYZ(52.8734, 43.5261, 68.2512)

Have a look what the booklet for
XYZ(52.8734, 43.5261, 68.2512)
contains.

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Color

**XYZ(52.8121, 43.4865,
68.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9CD5
RGB	218, 156, 213
RGB Percent	85%, 61%, 84%
CMY	0.1451, 0.3882, 0.1647
CMYK	0.00, 0.28, 0.02, 0.15
HSL	305°, 46%, 73%
HSV	305°, 28%, 85%
XYZ	52.8121, 43.4865, 68.5610
YIQ	181.0360, 18.6550, 30.8710

Conversions

Conversions Part 2

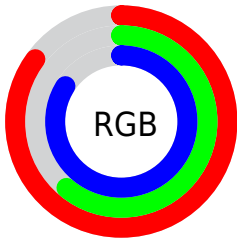
Format	Color
R _Y B	218, 156, 213
Decimal	14326997
CIE Lab	71.88, 32.25, -19.90
CIE LCh	72, 37.892, 328.322
Yxy	43.4865, 0.3203, 0.2638
Android (android.graphics.Color)	4292517077 (0xFFDA9CD5)
YUV	181.0360, 15.7583, 32.4174
Hunter-Lab	65.9443, 27.5509, -15.4817

Details

The XYZ color **52.8121, 43.4865, 68.5610** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.2165, 59.7852, 42.8772**, and the grayscale version is **43.8521, 46.1358, 50.2419**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **26.0222, 20.0506, 34.8464** is the 20% darker color. If you saturate the color by 10%, you get **49.2556, 36.7279, 66.2808**, and if you desaturate by 10%, it is **57.0302, 51.5629, 71.0746**.

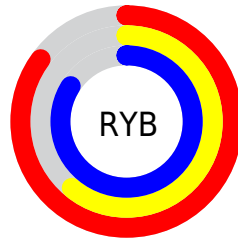
Distribution



Red (85%)

Green (61%)

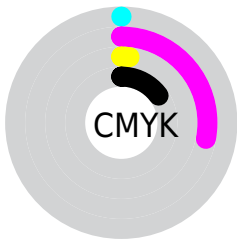
Blue (84%)



Red (85%)

Yellow (61%)

Blue (84%)

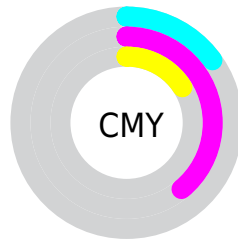


Cyan (0%)

Magenta (28%)

Yellow (2%)

Black (15%)



Cyan (15%)


Magenta (39%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8121, 43.4865, 68.5610 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 52.8121, 43.4865, 68.5610 by changing the saturation by 10% instead.


 52.8121, 43.4865,
68.5610


 52.8121, 43.4865,
68.5610


387.8365,
360.6087, 474.1330

 37.8797, 30.2670,
49.8847


 93.4950, 80.4445,
118.8161

 26.0661, 20.0414,
34.9513


 119.9761,
104.9518, 151.2321

 17.0060, 12.4251,
23.3421


151.0376,
133.9905, 189.0650

 10.3341, 7.0339,
14.6386

187.0446,
167.9450, 232.7334

 5.6850, 3.4833,
8.4224

228.3627,
207.1996, 282.6559

 2.6933, 1.3890,
4.2748

275.3571,

 0.9937, 0.2086,

252.1389, 339.2510

1.7773

328.3933,
303.1471, 402.9372

■ 0.0000, 0.0000,
0.4129

■ 0.0000, 0.0000,
0.0000

■ 52.8121, 43.4865,
68.5610

■ 52.8121, 43.4865,
68.5610

■ 49.2556, 36.7279,
66.2808

■ 57.0302, 51.5629,
71.0746

■ 46.3214, 31.2110,
64.2195

■ 61.9384, 61.0163,
73.8298

■ 43.9726, 26.8610,
62.3651

■ 67.5684, 71.9093,
76.8376

■ 42.1666, 23.5925,
60.7035

■ 73.9487, 84.2990,
80.1075

40.8547, 21.3087,
59.2184

77.8307, 91.6884,
82.5567

39.9800, 19.8953,
57.8908

78.0674, 91.7830,
83.8030

39.4573, 19.1821,
56.6922

78.3065, 91.8787,
85.0622

39.3881, 19.0953,
56.5103

78.5481, 91.9753,
86.3345

78.7922, 92.0730,
87.6198

Harmonies

Analogous

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



47.5008, 43.4865, 86.0087



52.8121, 43.4865, 68.5610



55.0117, 43.4865, 48.3973

Triad

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



52.8121, 43.4865, 68.5610



41.6969, 43.4865, 19.9782



31.3472, 43.4865, 66.2806

Complementary

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



52.8121, 43.4865, 68.5610



45.2165, 59.7852, 42.8772

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.



30.1328, 43.4865, 46.3167



52.8121, 43.4865, 68.5610



35.7230, 43.4865, 22.4578

Square

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



52.8121, 43.4865, 68.5610



48.1944, 43.4865, 23.0964



31.6502, 43.4865, 31.0374



35.1552, 43.4865, 84.4692

Rectangle

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



52.8121, 43.4865, 68.5610



54.2607, 43.4865, 37.0376



31.6502, 43.4865, 31.0374



30.6407, 43.4865, 59.4169

Sweetspot

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



52.8134, 43.4884, 68.5619



87.8641, 86.1027, 105.0416



39.0692, 36.3285, 71.2833



18.5751, 17.9829, 22.3557



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.



52.8134, 43.4884, 68.5619



72.2425, 56.1539, 95.8442



49.3368, 42.0978, 50.2542



13.5667, 13.2558, 16.2455



23.6163, 11.4475, 33.9548



1.5437, 0.7471, 2.2720

Inverse Universe

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



52.8134, 43.4884, 68.5619



72.2425, 56.1539, 95.8442



48.2020, 60.9794, 58.5985



13.5667, 13.2558, 16.2455



23.6163, 11.4475, 33.9548



1.5437, 0.7471, 2.2720

Previews

White Background



This preview shows how the XYZ color 52.8121, 43.4865, 68.5610 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 52.8121, 43.4865, 68.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

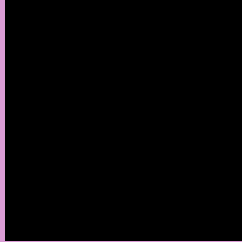
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8121, 43.4865, 68.5610

Background



This preview shows how black text looks on a background with the XYZ color 52.8121, 43.4865, 68.5610.



This preview shows how white text looks on a background with the XYZ color 52.8121, 43.4865,

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

52.8121, 43.4865, 68.5610

Protanopia

44.1617, 43.9375, 78.1047

Deuteranopia

44.5168, 43.5053, 67.0238



Tritanopia

48.3742, 43.4751, 46.9162

Trichromacy



Original Color

52.8121, 43.4865, 68.5610

Protanomaly

46.5822, 43.2930, 74.3078

Deuteranomaly

47.1323, 43.1821, 67.4788

Tritanomaly

49.7804, 43.2628, 53.8710

Monochromacy



Original Color

52.8121, 43.4865, 68.5610

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.6263, 44.8246, 56.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8121, 43.4865, 68.5610 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(218, 156, 213)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 213)  
}
```

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(218, 156, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.8121, 43.4865, 68.5610 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(218, 156, 213) }
```


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

```
.border{ border-color:rgb(218, 156, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 156, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8121, 43.4865, 68.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 213) }
```

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

```
.background{ background-color: rgb(218,  
156, 213) }
```

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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