

Converting Colors

XYZ(52.3066, 45.8176, 59.7587)

Have a look what the booklet for
XYZ(52.3066, 45.8176, 59.7587)
contains.

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Color

**XYZ(52.2634, 45.7392,
59.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A5C6
RGB	217, 165, 198
RGB Percent	85%, 65%, 78%
CMY	0.1490, 0.3529, 0.2235
CMYK	0.00, 0.24, 0.09, 0.15
HSL	322°, 41%, 75%
HSV	322°, 24%, 85%
XYZ	52.2634, 45.7392, 59.5000
YIQ	184.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

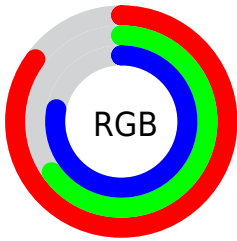
Format	Color
R _Y B	217, 165, 198
Decimal	14263750
CIE Lab	73.38, 24.39, -9.42
CIE LCh	73, 26.141, 338.889
Yxy	45.7392, 0.3318, 0.2904
Android (android.graphics.Color)	4292453830 (0xFFD9A5C6)
YUV	184.3100, 6.7492, 28.6691
Hunter-Lab	67.6308, 19.5866, -4.8205

Details

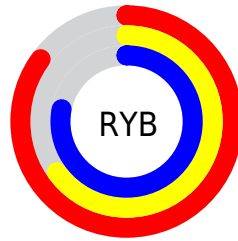
The XYZ color **52.2634, 45.7392, 59.5000** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9835, 61.0869, 54.5594**, and the grayscale version is **45.6884, 48.0677, 52.3458**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **25.8395, 21.5053, 29.1746** is the 20% darker color. If you saturate the color by 10%, you get **47.7859, 38.2093, 53.6127**, and if you desaturate by 10%, it is **57.4555, 54.6204, 65.8628**.

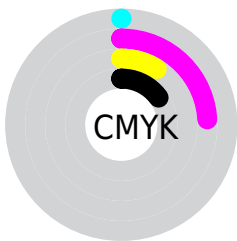
Distribution



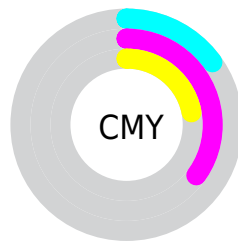
- Red (85%)
- Green (65%)
- Blue (78%)



- Red (85%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2634, 45.7392, 59.5000 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 52.2634, 45.7392, 59.5000 by changing the saturation by 10% instead.


 52.2634, 45.7392,
59.5000


 52.2634, 45.7392,
59.5000


385.7599,
369.7592, 440.5057

 37.4402, 32.0401,
42.5931

 92.6915, 83.8286,
105.6403

 25.7237, 21.3921,
29.2369


 119.0271,
108.9876, 135.7107

 16.7487, 13.4109,
19.0130


149.9309,
138.7353, 171.0061

 10.1497, 7.7121,
11.5028

185.7682,
173.4562, 211.9449

 5.5613, 3.9113,
6.2877

226.9044,
213.5347, 258.9457

 2.6183, 1.6241,
2.9492

273.7049,

 0.9553, 0.3737,

259.3550, 312.4271

1.0687

326.5349,
311.3017, 372.8076

■ 0.0000, 0.0000,
0.0000

■ 52.2634, 45.7392,
59.5000

■ 52.2634, 45.7392,
59.5000

■ 47.7859, 38.2093,
53.6127

■ 57.4555, 54.6204,
65.8628

■ 43.9848, 31.9574,
48.1831

■ 63.3901, 64.9094,
72.7123

■ 40.8243, 26.9122,
43.1960

■ 70.0983, 76.6668,
80.0630

■ 38.2634, 22.9934,
38.6341

■ 77.6084, 89.9480,
87.9274

■ 36.2563, 20.1102,
34.4783

■ 79.7565, 92.4242,
94.2544

■ 34.7501, 18.1581,
30.7069

■ 80.9453, 92.8998,
100.5146

■ 33.6805, 17.0103,
27.2945

■ 82.1861, 93.3961,
107.0484

■ 33.1817, 16.5783,
25.3844

■ 82.4255, 93.4918,
108.3092

Harmonies

Analogous

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



49.2700, 45.7392, 72.2497



52.2634, 45.7392, 59.5000



52.8167, 45.7392, 45.9874

Triad

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



52.2634, 45.7392, 59.5000



42.1205, 45.7392, 28.7236



36.9427, 45.7392, 67.4696

Complementary

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



52.2634, 45.7392, 59.5000



48.9835, 61.0869, 54.5594

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.



35.3032, 45.7392, 53.8224



52.2634, 45.7392, 59.5000



38.1509, 45.7392, 32.5645

Square

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



52.2634, 45.7392, 59.5000



46.7397, 45.7392, 29.7021



35.7293, 45.7392, 41.2199



40.3635, 45.7392, 77.3861

Rectangle

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



52.2634, 45.7392, 59.5000



51.6918, 45.7392, 38.5334



35.7293, 45.7392, 41.2199



36.1764, 45.7392, 63.0782

Sweetspot

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



52.2647, 45.7412, 59.5010



88.5851, 88.7223, 101.6519



45.5575, 42.0142, 71.3546



18.8471, 18.7926, 21.6275



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.



52.2647, 45.7412, 59.5010



71.7745, 59.9283, 81.1670



49.5955, 44.6736, 45.4450



13.4020, 13.1899, 15.3781



20.1387, 10.0565, 15.6422



1.3456, 0.6679, 1.2287

Inverse Universe

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



52.2647, 45.7412, 59.5010



71.7745, 59.9283, 81.1670



51.8648, 62.2395, 69.7323



13.4020, 13.1899, 15.3781



20.1387, 10.0565, 15.6422



1.3456, 0.6679, 1.2287

Previews

White Background



This preview shows how the XYZ color 52.2634, 45.7392, 59.5000 looks on a white background.

Color Contrast Check

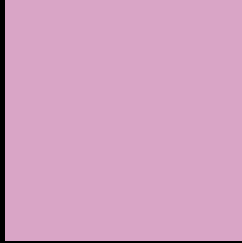
Large Text (above 18pt) WCAG AA × Fail

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 52.2634, 45.7392, 59.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

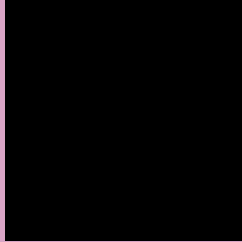
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2634, 45.7392, 59.5000

Background



This preview shows how black text looks on a background with the XYZ color 52.2634, 45.7392, 59.5000.



This preview shows how white text looks on a background with the XYZ color 52.2634, 45.7392,

59.5000.

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

52.2634, 45.7392, 59.5000

Protanopia

45.2871, 45.9753, 65.5187

Deuteranopia

46.7796, 45.7218, 58.5842



Tritanopia

50.3675, 45.7885, 49.8995

Trichromacy



Original Color

52.2634, 45.7392, 59.5000

Protanomaly

47.5210, 45.7081, 63.4447

Deuteranomaly

48.4604, 45.4364, 59.0393

Tritanomaly

51.1073, 45.8242, 53.1650

Monochromacy



Original Color

52.2634, 45.7392, 59.5000

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.6724, 46.8542, 54.6753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2634, 45.7392, 59.5000 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(217, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 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(217, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.2634, 45.7392, 59.5000 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(217, 165, 198) }
```


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

```
.border{ border-color:rgb(217, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2634, 45.7392, 59.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 198) }
```

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

```
.background{ background-color: rgb(217,  
165, 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](#).

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