

Converting Colors

XYZ(49.1205, 45.2202, 43.9754)

Have a look what the booklet for
XYZ(49.1205, 45.2202, 43.9754)
contains.

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Color

**XYZ(49.2827, 45.3546,
44.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A8AA
RGB	215, 168, 170
RGB Percent	84%, 66%, 67%
CMY	0.1569, 0.3412, 0.3333
CMYK	0.00, 0.22, 0.21, 0.16
HSL	357°, 37%, 75%
HSV	357°, 22%, 84%
XYZ	49.2827, 45.3546, 44.1870
YIQ	182.2810, 27.3700, 10.5860

Conversions

Conversions Part 2

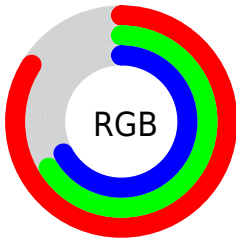
Format	Color
R_{YB}	215, 168, 170
Decimal	14133418
CIE _{Lab}	73.12, 17.53, 5.59
CIE _{LCh}	73, 18.399, 17.689
Yxy	45.3546, 0.3550, 0.3267
Android (android.graphics.Color)	4292323498 (0xFFD7A8AA)
YUV	182.2810, -6.0545, 28.6946
Hunter-Lab	67.3458, 12.7685, 8.2407

Details

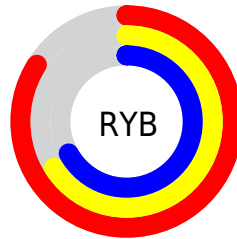
The XYZ color **49.2827, 45.3546, 44.1870** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.4610, 61.7310, 72.1043**, and the grayscale version is **44.6391, 46.9638, 51.1436**.

A 20% lighter version of the original color is **81.2183, 79.4716, 82.2930**, and **23.8135, 21.1697, 19.9706** is the 20% darker color. If you saturate the color by 10%, you get **43.8394, 37.3442, 33.5050**, and if you desaturate by 10%, it is **55.6897, 54.8036, 56.6959**.

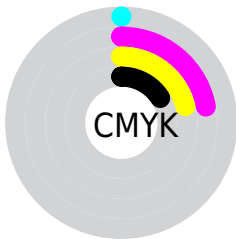
Distribution



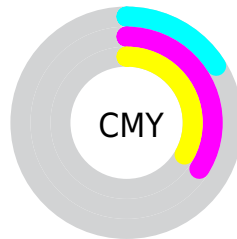
- Red (84%)
- Green (66%)
- Blue (67%)



- Red (84%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (16%)




- Cyan (16%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2827, 45.3546, 44.1870 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 49.2827, 45.3546, 44.1870 by changing the saturation by 10% instead.


 49.2827, 45.3546,
44.1870


 49.2827, 45.3546,
44.1870


374.3527,
368.2078, 379.5345

 35.0592, 31.7368,
30.4793


 88.3094, 83.2523,
82.8045

 23.8752, 21.1606,
19.9475


 113.8433,
108.3010, 108.5514

 15.3653, 13.2414,
12.1732


143.8781,
137.9287, 139.1484

 9.1642, 7.5950,
6.7378

178.7792,
172.5200, 175.0141

 4.9064, 3.8369,
3.2227

218.9118,
212.4591, 216.5671

 2.2266, 1.5828,
1.2094

264.6413,

 0.7567, 0.3459,

258.1306, 264.2257

0.0000

316.3332,
309.9187, 318.4087

■ 0.0000, 0.0000,
0.0000

■ 49.2827, 45.3546,
44.1870

■ 49.2827, 45.3546,
44.1870

■ 43.8394, 37.3442,
33.5050

■ 55.6897, 54.8036,
56.6959

■ 39.3098, 30.6961,
24.5618

■ 63.1000, 65.7503,
71.1085

■ 35.6448, 25.3363,
17.2662

■ 71.5553, 78.2580,
87.5007

■ 32.7893, 21.1814,
11.5176

■ 81.0941, 92.3847,
105.9435

■ 30.6821, 18.1381,
7.2045

■ 81.8346, 93.1872,
108.2815

■ 29.2529, 16.0996,
4.2003

■ 28.4182, 14.9380,
2.3565

■ 28.0746, 14.4672,
1.5750

Harmonies

Analogous

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



49.4474, 45.3546, 53.2630



49.2827, 45.3546, 44.1870



47.4136, 45.3546, 37.3925

Triad

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



49.2827, 45.3546, 44.1870



38.6880, 45.3546, 38.3789



41.8010, 45.3546, 68.8213

Complementary

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



49.2827, 45.3546, 44.1870



52.4610, 61.7310, 72.1043

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.



39.0717, 45.3546, 63.6976



49.2827, 45.3546, 44.1870



37.3354, 45.3546, 45.6970

Square

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



49.2827, 45.3546, 44.1870



41.2533, 45.3546, 34.3376



37.4722, 45.3546, 54.9721



45.0178, 45.3546, 68.2851

Rectangle

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



49.2827, 45.3546, 44.1870



45.5026, 45.3546, 34.7230



37.4722, 45.3546, 54.9721



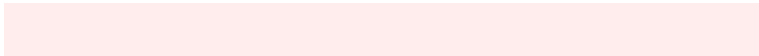
40.7993, 45.3546, 67.6797

Sweetspot

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



49.2839, 45.3567, 44.1879



86.9868, 88.0829, 93.2352



53.6089, 47.0075, 70.5384



18.4775, 18.6448, 19.6815



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.



49.2839, 45.3567, 44.1879



68.8340, 61.3106, 57.7946



53.3235, 53.7357, 44.6099



12.4444, 12.4293, 13.0146



16.8017, 8.6570, 0.9938



1.0211, 0.5252, 0.1004

Inverse Universe

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



49.2839, 45.3567, 44.1879



68.8340, 61.3106, 57.7946



47.6744, 51.7498, 71.7665



12.4444, 12.4293, 13.0146



16.8017, 8.6570, 0.9938



1.0211, 0.5252, 0.1004

Previews

White Background



This preview shows how the XYZ color 49.2827, 45.3546, 44.1870 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 49.2827, 45.3546, 44.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

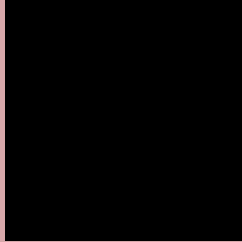
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2827, 45.3546, 44.1870

Background



This preview shows how black text looks on a background with the XYZ color 49.2827, 45.3546, 44.1870.



This preview shows how white text looks on a background with the XYZ color 49.2827, 45.3546,

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

49.2827, 45.3546, 44.1870

Protanopia

43.7237, 45.5651, 47.5648

Deuteranopia

46.3849, 45.5542, 43.8842



Tritanopia

50.2743, 45.4910, 48.7787

Trichromacy



Original Color

49.2827, 45.3546, 44.1870

Protanomaly

45.4756, 45.3180, 46.3948

Deuteranomaly

47.3676, 45.4914, 43.8203

Tritanomaly

49.9741, 45.3710, 47.1978

Monochromacy



Original Color

49.2827, 45.3546, 44.1870

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.0062, 46.1280, 48.5983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2827, 45.3546, 44.1870 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(215, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(215, 168, 170)  
}
```

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(215, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 168, 170) }
```

Border

The CSS property to change the border of an element to XYZ 49.2827, 45.3546, 44.1870 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(215, 168, 170) }
```


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

```
.border{ border-color:rgb(215, 168, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 168, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(215, 168,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2827, 45.3546, 44.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 168, 170) }
```

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

```
.background{ background-color: rgb(215,  
168, 170) }
```

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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