

Converting Colors

XYZ(49.7907, 43.3804, 41.8679)

Have a look what the booklet for
XYZ(49.7907, 43.3804, 41.8679)
contains.

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Color

**XYZ(49.7125, 43.2374,
41.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9FA6
RGB	223, 159, 166
RGB Percent	87%, 62%, 65%
CMY	0.1255, 0.3764, 0.3490
CMYK	0.00, 0.29, 0.26, 0.13
HSL	353°, 50%, 75%
HSV	353°, 29%, 87%
XYZ	49.7125, 43.2374, 41.8019
YIQ	178.9340, 35.8970, 15.7450

Conversions

Conversions Part 2

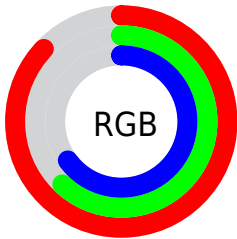
Format	Color
R_{YB}	223, 159, 166
Decimal	14655398
CIE _{Lab}	71.72, 24.77, 5.88
CIE _{LCh}	72, 25.454, 13.345
Yxy	43.2374, 0.3689, 0.3209
Android (android.graphics.Color)	4292845478 (0xFFDF9FA6)
YUV	178.9340, -6.3765, 38.6459
Hunter-Lab	65.7552, 19.8788, 8.3367

Details

The XYZ color **49.7125, 43.2374, 41.8019** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0823, 65.1052, 74.7379**, and the grayscale version is **42.8331, 45.0637, 49.0744**.

A 20% lighter version of the original color is **78.3377, 74.5736, 78.6719**, and **24.2313, 19.9458, 18.4924** is the 20% darker color. If you saturate the color by 10%, you get **44.5345, 35.5754, 31.7703**, and if you desaturate by 10%, it is **55.8660, 52.3996, 53.5480**.

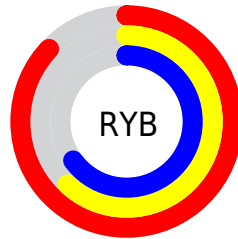
Distribution



Red (87%)

Green (62%)

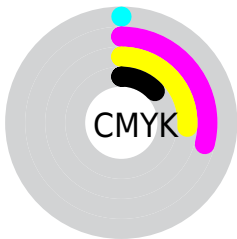
Blue (65%)



Red (87%)

Yellow (62%)

Blue (65%)

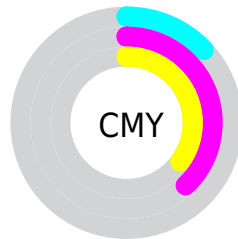


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7125, 43.2374, 41.8019 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 49.7125, 43.2374, 41.8019 by changing the saturation by 10% instead.


 49.7125, 43.2374,
41.8019


 49.7125, 43.2374,
41.8019


376.0112,
359.5872, 369.4365

 35.4019, 30.0714,
28.6218


 88.9431, 80.0690,
79.1666

 24.1406, 19.8928,
18.5518


 114.5938,
104.5034, 104.1882

 15.5632, 12.3172,
11.1733

144.7553,
133.4627, 133.9941

 9.3045, 6.9601,
6.0679

179.7929,
167.3314, 169.0028

 4.9990, 3.4371,
2.8170

220.0719,
206.4938, 209.6329

 2.2814, 1.3640,
1.0020

265.9577,

 0.7851, 0.1900,

251.3342, 256.3028

0.0000

317.8157,
302.2373, 309.4312

■ 0.0000, 0.0000,
0.0000

■ 49.7125, 43.2374,
41.8019

■ 49.7125, 43.2374,
41.8019

■ 44.5345, 35.5754,
31.7703

■ 55.8660, 52.3996,
53.5480

■ 40.2785, 29.3278,
23.3703

■ 63.0381, 63.1294,
67.0807

■ 36.8910, 24.4099,
16.5161

■ 71.2733, 75.4978,
82.4715

■ 34.3116, 20.7249,
11.1130

■ 80.6125, 89.5695,
99.7870

■ 32.4722, 18.1632,
7.0559

■ 84.2416, 94.4280,
108.3942

■ 31.2932, 16.5960,
4.2251

■ 30.6605, 15.8301,
2.4743

■ 30.6004, 15.7556,
2.3132

Harmonies

Analogous

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



49.5717, 43.2374, 54.2252



49.7125, 43.2374, 41.8019



47.4324, 43.2374, 32.5743

Triad

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



49.7125, 43.2374, 41.8019



35.6579, 43.2374, 31.8206



38.7625, 43.2374, 73.7217

Complementary

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



49.7125, 43.2374, 41.8019



53.0823, 65.1052, 74.7379

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.



35.3504, 43.2374, 65.3519



49.7125, 43.2374, 41.8019



33.6458, 43.2374, 40.5885

Square

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



49.7125, 43.2374, 41.8019



39.2097, 43.2374, 27.5299



33.5373, 43.2374, 52.7807



43.0416, 43.2374, 74.2020

Rectangle

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



49.7125, 43.2374, 41.8019



44.9331, 43.2374, 28.8688



33.5373, 43.2374, 52.7807



37.4836, 43.2374, 71.6789

Sweetspot

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



49.7137, 43.2394, 41.8028



85.0424, 84.9741, 90.1829



53.8999, 44.6540, 75.5906



17.8803, 17.7050, 18.6971



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.



49.7137, 43.2394, 41.8028



63.3116, 52.5816, 48.8149



53.7345, 52.2803, 40.0624



13.7678, 13.7248, 14.5476



18.0127, 9.2721, 1.4669



1.2693, 0.6510, 0.2108

Inverse Universe

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



49.7137, 43.2394, 41.8028



63.3116, 52.5816, 48.8149



47.9200, 53.3022, 77.5750



13.7678, 13.7248, 14.5476



18.0127, 9.2721, 1.4669



1.2693, 0.6510, 0.2108

Previews

White Background



This preview shows how the XYZ color 49.7125, 43.2374, 41.8019 looks on a white background.

Color Contrast Check

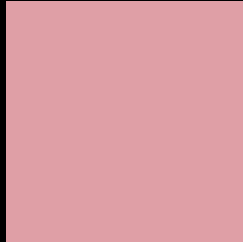
Large Text (above 18pt) WCAG AA × Fail

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 49.7125, 43.2374, 41.8019 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 49.7125, 43.2374, 41.8019

Background



This preview shows how black text looks on a background with the XYZ color 49.7125, 43.2374, 41.8019.



This preview shows how white text looks on a background with the XYZ color 49.7125, 43.2374,

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

49.7125, 43.2374, 41.8019

Protanopia

41.6582, 43.3388, 46.7270

Deuteranopia

44.3643, 43.4356, 41.1676



Tritanopia

49.9140, 43.0440, 43.7078

Trichromacy



Original Color

49.7125, 43.2374, 41.8019

Protanomaly

44.1400, 42.9566, 44.9947

Deuteranomaly

46.1599, 43.2544, 41.5134

Tritanomaly

49.8197, 43.0063, 43.2114

Monochromacy



Original Color

49.7125, 43.2374, 41.8019

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.8982, 44.1631, 46.2023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7125, 43.2374, 41.8019 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(223, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(223, 159, 166)  
}
```

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(223, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 49.7125, 43.2374, 41.8019 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(223, 159, 166) }
```


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

```
.border{ border-color:rgb(223, 159, 166) }
```

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

Here you see how a box with a 4 pixel rgb(223, 159, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(223, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7125, 43.2374, 41.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 159, 166) }
```

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

```
.background{ background-color: rgb(223,  
159, 166) }
```

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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