

Converting Colors

XYZ(49.8344, 43.6656, 41.3793)

Have a look what the booklet for
XYZ(49.8344, 43.6656, 41.3793)
contains.

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Color

**XYZ(49.7938, 43.5462,
41.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA0A5
RGB	223, 160, 165
RGB Percent	87%, 63%, 65%
CMY	0.1255, 0.3725, 0.3529
CMYK	0.00, 0.28, 0.26, 0.13
HSL	355°, 50%, 75%
HSV	355°, 28%, 87%
XYZ	49.7938, 43.5462, 41.3782
YIQ	179.4070, 35.9430, 14.9110

Conversions

Conversions Part 2

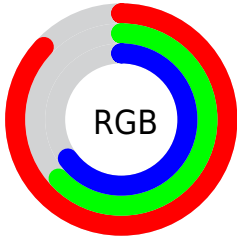
Format	Color
R _Y B	223, 160, 165
Decimal	14655653
CIE Lab	71.92, 24.09, 6.73
CIE LCh	72, 25.010, 15.603
Yxy	43.5462, 0.3696, 0.3232
Android (android.graphics.Color)	4292845733 (0xFFDFA0A5)
YUV	179.4070, -7.1027, 38.2311
Hunter-Lab	65.9895, 19.2092, 9.0154

Details

The XYZ color **49.7938, 43.5462, 41.3782** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5416, 65.3120, 76.1175**, and the grayscale version is **43.0892, 45.3332, 49.3679**.

A 20% lighter version of the original color is **78.4587, 75.0282, 78.0568**, and **24.2795, 20.1329, 18.2291** is the 20% darker color. If you saturate the color by 10%, you get **44.5479, 35.8086, 31.1380**, and if you desaturate by 10%, it is **56.0355, 52.7946, 53.4314**.

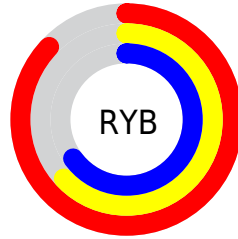
Distribution



Red (87%)

Green (63%)

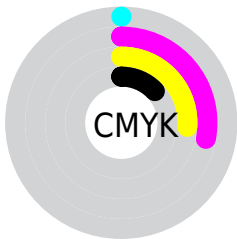
Blue (65%)



Red (87%)

Yellow (63%)

Blue (65%)

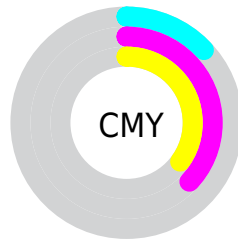


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7938, 43.5462, 41.3782 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 49.7938, 43.5462, 41.3782 by changing the saturation by 10% instead.


 49.7938, 43.5462,
41.3782


 49.7938, 43.5462,
41.3782

376.3244,
360.8532, 367.6222

 35.4667, 30.3139,
28.2928


 89.0629, 80.5344,
78.5176

 24.1908, 20.0770,
18.3055


 114.7357,
105.0592, 103.4086

 15.6007, 12.4510,
10.9979


144.9211,
134.1169, 133.0720

 9.3311, 7.0516,
5.9512

179.9844,
168.0919, 167.9262

 5.0166, 3.4944,
2.7471

220.2910,
207.3686, 208.3898

 2.2919, 1.3950,
0.9670

266.2063,

 0.7905, 0.2130,

252.3315, 254.8813

0.0000

318.0956,
303.3649, 307.8192

■ 0.0000, 0.0000,
0.0000

■ 49.7938, 43.5462,
41.3782

■ 49.7938, 43.5462,
41.3782

■ 44.5479, 35.8086,
31.1380

■ 56.0355, 52.7946,
53.4314

■ 40.2428, 29.4959,
22.6205

■ 63.3171, 63.6216,
67.3766

■ 36.8238, 24.5227,
15.7317

■ 71.6843, 76.0984,
83.2913

■ 34.2290, 20.7924,
10.3676

■ 81.1791, 90.2899,
101.2480

■ 32.3883, 18.1951,
6.4119

■ 84.2416, 94.4281,
108.3942

■ 31.2201, 16.6018,
3.7319

■ 30.6119, 15.8280,
2.1648

■ 30.5382, 15.7307,
1.9856

Harmonies

Analogous

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



49.8443, 43.5462, 53.4918



49.7938, 43.5462, 41.3782



47.3909, 43.5462, 32.5455

Triad

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



49.7938, 43.5462, 41.3782



35.8063, 43.5462, 32.8182



39.3853, 43.5462, 73.9708

Complementary

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



49.7938, 43.5462, 41.3782



53.5416, 65.3120, 76.1175

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.



35.9171, 43.5462, 66.2365



49.7938, 43.5462, 41.3782



33.9490, 43.5462, 41.8157

Square

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



49.7938, 43.5462, 41.3782



39.2242, 43.5462, 28.2131



33.9882, 43.5462, 54.0108



43.6327, 43.5462, 73.7989

Rectangle

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



49.7938, 43.5462, 41.3782



44.8671, 43.5462, 29.0927



33.9882, 43.5462, 54.0108



38.0962, 43.5462, 72.1584

Sweetspot

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



49.7950, 43.5482, 41.3791



86.0059, 86.5167, 91.6893



54.7301, 45.3383, 75.6790



18.0678, 18.0104, 18.9743



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.



49.7950, 43.5482, 41.3791



63.0532, 52.4782, 47.4540



54.3896, 53.4510, 40.7107



13.7511, 13.7181, 14.4596



17.9721, 9.2559, 1.2531



1.2613, 0.6478, 0.1689

Inverse Universe

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



49.7950, 43.5482, 41.3791



63.0532, 52.4782, 47.4540



47.7278, 52.6221, 77.4539



13.7511, 13.7181, 14.4596



17.9721, 9.2559, 1.2531



1.2613, 0.6478, 0.1689

Previews

White Background



This preview shows how the XYZ color 49.7938, 43.5462, 41.3782 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 49.7938, 43.5462, 41.3782 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 49.7938, 43.5462, 41.3782

Background



This preview shows how black text looks on a background with the XYZ color 49.7938, 43.5462, 41.3782.



This preview shows how white text looks on a background with the XYZ color 49.7938, 43.5462,

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

49.7938, 43.5462, 41.3782

Protanopia

41.9877, 43.8100, 46.2876

Deuteranopia

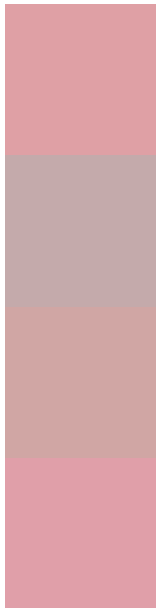
44.5388, 43.5359, 40.7062



Tritanopia

50.4893, 43.5838, 44.2795

Trichromacy



Original Color

49.7938, 43.5462, 41.3782

Protanomaly

44.4904, 43.4255, 44.5651

Deuteranomaly

46.3495, 43.3627, 41.0489

Tritanomaly

50.3000, 43.5081, 43.2829

Monochromacy



Original Color

49.7938, 43.5462, 41.3782

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 49.7938, 43.5462, 41.3782 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, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 160, 165)  
}
```

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, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 160, 165) }
```

Border

The CSS property to change the border of an element to XYZ 49.7938, 43.5462, 41.3782 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, 160, 165) }
```


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

```
.border{ border-color:rgb(223, 160, 165) }
```

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

Here you see how a box with a 4 pixel rgb(223, 160, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 160,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7938, 43.5462, 41.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 160, 165) }
```

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

```
.background{ background-color: rgb(223,  
160, 165) }
```

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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