

Converting Colors

XYZ(45.5409, 39.2230, 42.6051)

Have a look what the booklet for
XYZ(45.5409, 39.2230, 42.6051)
contains.

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Color

**XYZ(45.5410, 39.3181,
42.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	D498A9
RGB	212, 152, 169
RGB Percent	83%, 60%, 66%
CMY	0.1686, 0.4039, 0.3373
CMYK	0.00, 0.28, 0.20, 0.17
HSL	343°, 41%, 71%
HSV	343°, 28%, 83%
XYZ	45.5410, 39.3181, 42.7250
YIQ	171.8780, 30.3030, 18.0070

Conversions

Conversions Part 2

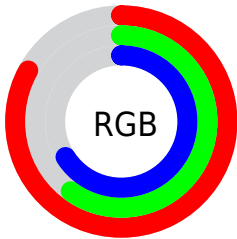
Format	Color
RYB	212, 152, 169
Decimal	13932713
CIELab	68.98, 24.96, 0.10
CIELCh	69, 24.956, 0.225
Yxy	39.3181, 0.3569, 0.3082
Android (android.graphics.Color)	4292122793 (0xFFD498A9)
YUV	171.8780, -1.4189, 35.1870
Hunter-Lab	62.7041, 19.9094, 3.4942

Details

The XYZ color **45.5410, 39.3181, 42.7250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3443, 57.7034, 60.3278**, and the grayscale version is **39.1481, 41.1869, 44.8525**.

A 20% lighter version of the original color is **77.0074, 71.2675, 80.2183**, and **21.4784, 17.4666, 19.0690** is the 20% darker color. If you saturate the color by 10%, you get **41.0583, 32.5041, 34.5974**, and if you desaturate by 10%, it is **50.8067, 47.4320, 51.9324**.

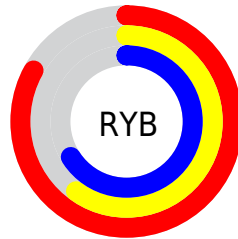
Distribution



Red (83%)

Green (60%)

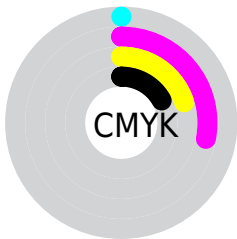
Blue (66%)



Red (83%)

Yellow (60%)

Blue (66%)

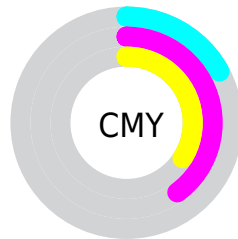


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (17%)



Cyan (17%)


Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5410, 39.3181, 42.7250 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 45.5410, 39.3181, 42.7250 by changing the saturation by 10% instead.


 45.5410, 39.3181,
42.7250


 45.5410, 39.3181,
42.7250


359.7072,
343.2410, 373.3675

 32.0869, 27.0073,
29.3396


 82.7637, 74.1240,
80.5776

 21.5837, 17.5787,
19.0901


 107.2630, 97.3879,
105.8819

 13.6662, 10.6479,
11.5579


136.1747,
125.0716, 135.9962

 7.9690, 5.8306,
6.3246

169.8642,
157.5595, 171.3392

 4.1268, 2.7424,
2.9715

208.6969,
195.2360, 212.3292

 1.7741, 0.9988,
1.0801

253.0380,

 0.5020, 0.0000,

238.4855, 259.3849

0.0000

303.2530,
287.6924, 312.9249

0.0000, 0.0000,
0.0000

45.5410, 39.3181,
42.7250

45.5410, 39.3181,
42.7250

41.0583, 32.5041,
34.5974

50.8067, 47.4320,
51.9324

37.3168, 26.9167,
27.5065

56.8877, 56.9030,
62.2555

34.2759, 22.4838,
21.4096

63.8187, 67.7918,
73.7317

31.8895, 19.1233,
16.2602

71.6312, 80.1536,
86.3958

30.1057, 16.7423,
12.0075

79.3888, 92.1080,
99.9589

■ 28.8642, 15.2317,
8.5954

■ 80.9615, 92.7371,
108.2407

■ 28.0778, 14.4302,
5.9556

■ 27.9686, 14.3239,
5.5735

Harmonies

Analogous

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



44.4002, 39.3181, 54.6187



45.5410, 39.3181, 42.7250



44.3667, 39.3181, 32.7161

Triad

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



45.5410, 39.3181, 42.7250



33.6560, 39.3181, 26.5546



33.7044, 39.3181, 64.7433

Complementary

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



45.5410, 39.3181, 42.7250



46.3443, 57.7034, 60.3278

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.



31.1517, 39.3181, 54.7937



45.5410, 39.3181, 42.7250



31.1252, 39.3181, 32.8404

Square

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



45.5410, 39.3181, 42.7250



37.3407, 39.3181, 24.4500



30.2411, 39.3181, 42.8966



37.4006, 39.3181, 68.6231

Rectangle

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



45.5410, 39.3181, 42.7250



42.4735, 39.3181, 28.1031



30.2411, 39.3181, 42.8966



32.6938, 39.3181, 61.9200

Sweetspot

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



45.5421, 39.3199, 42.7258



86.6185, 86.7617, 94.9150



45.6189, 38.8140, 67.3750



18.2209, 18.0717, 19.7803



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.



45.5421, 39.3199, 42.7258



64.9082, 53.2202, 57.2222



46.2753, 43.1761, 35.6029



12.5664, 12.4781, 13.6571



17.3037, 8.8578, 3.6374



1.0791, 0.5484, 0.4059

Inverse Universe

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



45.5421, 39.3199, 42.7258



64.9082, 53.2202, 57.2222



45.2573, 52.2769, 69.9927



12.5664, 12.4781, 13.6571



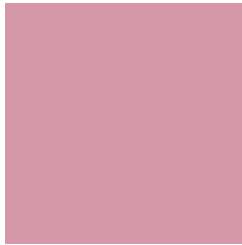
17.3037, 8.8578, 3.6374



1.0791, 0.5484, 0.4059

Previews

White Background



This preview shows how the XYZ color 45.5410, 39.3181, 42.7250 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 45.5410, 39.3181, 42.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

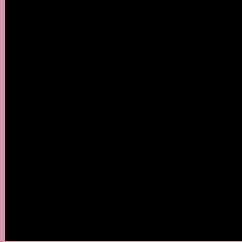
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5410, 39.3181, 42.7250

Background



This preview shows how black text looks on a background with the XYZ color 45.5410, 39.3181, 42.7250.



This preview shows how white text looks on a background with the XYZ color 45.5410, 39.3181,

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

45.5410, 39.3181, 42.7250

Protanopia

38.4007, 39.6546, 47.7497

Deuteranopia

40.3219, 39.4235, 42.0435



Tritanopia

44.9560, 39.3117, 40.3404

Trichromacy



Original Color

45.5410, 39.3181, 42.7250

Protanomaly

40.6658, 39.2501, 45.9901

Deuteranomaly

41.9717, 39.2255, 42.4049

Tritanomaly

45.1381, 39.3845, 41.2993

Monochromacy



Original Color

45.5410, 39.3181, 42.7250

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.2993, 40.4153, 44.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5410, 39.3181, 42.7250 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(212, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(212, 152, 169)  
}
```

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(212, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 152, 169) }
```

Border

The CSS property to change the border of an element to XYZ 45.5410, 39.3181, 42.7250 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(212, 152, 169) }
```


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

```
.border{ border-color:rgb(212, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 152,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5410, 39.3181, 42.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 152, 169) }
```

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

```
.background{ background-color: rgb(212,  
152, 169) }
```

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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