

Converting Colors

XYZ(45.1086, 39.7676, 42.5582)

Have a look what the booklet for
XYZ(45.1086, 39.7676, 42.5582)
contains.

XYZ(45.0837, 39.8252, 42.3566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.0837, 39.8252,
42.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	D19BA8
RGB	209, 155, 168
RGB Percent	82%, 61%, 66%
CMY	0.1804, 0.3921, 0.3412
CMYK	0.00, 0.26, 0.20, 0.18
HSL	346°, 37%, 71%
HSV	346°, 26%, 82%
XYZ	45.0837, 39.8252, 42.3566
YIQ	172.6280, 28.0110, 15.4910

Conversions

Conversions Part 2

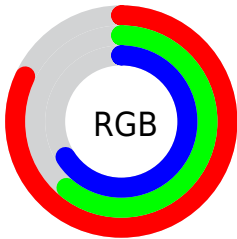
Format	Color
R _Y B	209, 155, 168
Decimal	13736872
CIE Lab	69.34, 22.07, 1.15
CIE LCh	69, 22.103, 2.975
Yxy	39.8252, 0.3542, 0.3129
Android (android.graphics.Color)	4291926952 (0xFFD19BA8)
YUV	172.6280, -2.2816, 31.8982
Hunter-Lab	63.1072, 17.0825, 4.3805

Details

The XYZ color **45.0837, 39.8252, 42.3566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2835, 56.5559, 60.7044**, and the grayscale version is **39.5334, 41.5922, 45.2939**.

A 20% lighter version of the original color is **77.6059, 72.6809, 79.7506**, and **21.3291, 17.8315, 18.8407** is the 20% darker color. If you saturate the color by 10%, you get **40.5125, 32.9060, 33.9784**, and if you desaturate by 10%, it is **50.4396, 48.0242, 51.8875**.

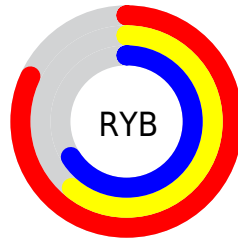
Distribution



Red (82%)

Green (61%)

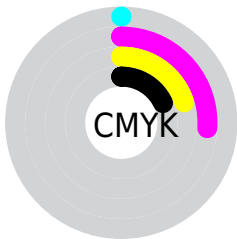
Blue (66%)



Red (82%)

Yellow (61%)

Blue (66%)

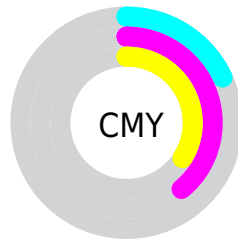


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0837, 39.8252, 42.3566 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 45.0837, 39.8252, 42.3566 by changing the saturation by 10% instead.


 45.0837, 39.8252,
42.3566

 45.0837, 39.8252,
42.3566


357.8904,
345.3863, 371.8022

 31.7249, 27.4023,
29.0530


 82.0823, 74.8973,
80.0149

 21.3060, 17.8756,
18.8750


 106.4528, 98.3152,
105.2067

 13.4616, 10.8607,
11.4041

135.2246,
126.1669, 135.1983

 7.8263, 5.9732,
6.2217

168.7631,
158.8368, 170.4083

 4.0349, 2.8288,
2.9094

207.4335,
196.7093, 211.2551

 1.7219, 1.0430,
1.0486

251.6013,

 0.4699, 0.0000,

240.1688, 258.1573

0.0000

301.6318,
289.5997, 311.5335

■ 0.0000, 0.0000,
0.0000

■ 45.0837, 39.8252,
42.3566

■ 45.0837, 39.8252,
42.3566

■ 40.5125, 32.9060,
33.9784

■ 50.4396, 48.0242,
51.8875

■ 36.6852, 27.1965,
26.7060

■ 56.6117, 57.5576,
62.6107

■ 33.5622, 22.6282,
20.4929

■ 63.6340, 68.4833,
74.5667

■ 31.0990, 19.1237,
15.2882

■ 71.5375, 80.8543,
87.7933

■ 29.2455, 16.5954,
11.0366

■ 78.8972, 91.8124,
101.8423

■ 27.9443, 14.9422,
7.6768

■ 80.1046, 92.2954,
108.2006

■ 27.1254, 14.0389,
5.1396

■ 26.8769, 13.7883,
4.2968

Harmonies

Analogous

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



44.2619, 39.8252, 52.8618



45.0837, 39.8252, 42.3566



43.8701, 39.8252, 33.5730

Triad

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



45.0837, 39.8252, 42.3566



34.2591, 39.8252, 28.9487



34.8362, 39.8252, 63.2034

Complementary

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



45.0837, 39.8252, 42.3566



46.2835, 56.5559, 60.7044

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.



32.4123, 39.8252, 54.8918



45.0837, 39.8252, 42.3566



32.0940, 39.8252, 35.0760

Square

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



45.0837, 39.8252, 42.3566



37.4996, 39.8252, 26.6292



31.4394, 39.8252, 44.3850



38.2079, 39.8252, 65.9515

Rectangle

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



45.0837, 39.8252, 42.3566



42.1118, 39.8252, 29.5580



31.4394, 39.8252, 44.3850



33.8908, 39.8252, 60.9097

Sweetspot

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



45.0848, 39.8270, 42.3574



86.4894, 86.7100, 94.2351



45.8664, 39.7170, 65.5706



18.1886, 18.0587, 19.6101



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.



45.0848, 39.8270, 42.3574



66.6031, 56.2301, 58.9586



46.3073, 44.1139, 37.0869



11.9237, 11.8542, 12.8741



16.6041, 8.5145, 2.8213



0.9603, 0.4888, 0.3257

Inverse Universe

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



45.0848, 39.8270, 42.3574



66.6031, 56.2301, 58.9586



44.6550, 50.8279, 67.7790



11.9237, 11.8542, 12.8741



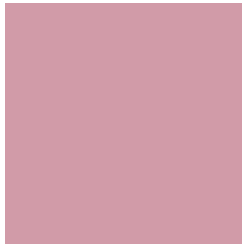
16.6041, 8.5145, 2.8213



0.9603, 0.4888, 0.3257

Previews

White Background



This preview shows how the XYZ color 45.0837, 39.8252, 42.3566 looks on a white background.

Color Contrast Check

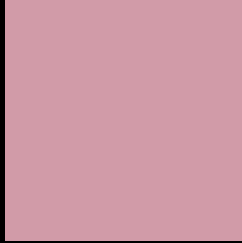
Large Text (above 18pt) WCAG AA × Fail

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 45.0837, 39.8252, 42.3566 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 45.0837, 39.8252, 42.3566

Background



This preview shows how black text looks on a background with the XYZ color 45.0837, 39.8252, 42.3566.



This preview shows how white text looks on a background with the XYZ color 45.0837, 39.8252,

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

45.0837, 39.8252, 42.3566

Protanopia

38.8190, 40.1685, 46.7816

Deuteranopia

40.6519, 39.8689, 41.6293



Tritanopia

44.9909, 39.7880, 41.8678

Trichromacy



Original Color

45.0837, 39.8252, 42.3566

Protanomaly

40.8259, 39.8823, 45.0815

Deuteranomaly

42.2256, 39.8819, 42.0317

Tritanomaly

44.9909, 39.7880, 41.8678

Monochromacy



Original Color

45.0837, 39.8252, 42.3566

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.2366, 40.6518, 44.2013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0837, 39.8252, 42.3566 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(209, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(209, 155, 168)  
}
```

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(209, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 45.0837, 39.8252, 42.3566 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(209, 155, 168) }
```


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

```
.border{ border-color:rgb(209, 155, 168) }
```

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

Here you see how a box with a 4 pixel rgb(209, 155, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(209, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0837, 39.8252, 42.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 155, 168) }
```

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

```
.background{ background-color: rgb(209,  
155, 168) }
```

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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