

Converting Colors

XYZ(45.6760, 39.5771, 38.8001)

Have a look what the booklet for
XYZ(45.6760, 39.5771, 38.8001)
contains.

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Color

**XYZ(45.6856, 39.4768,
38.9301)**

Conversions

Conversions Part 1

Format	Color
Hex	D798A1
RGB	215, 152, 161
RGB Percent	84%, 60%, 63%
CMY	0.1569, 0.4039, 0.3686
CMYK	0.00, 0.29, 0.25, 0.16
HSL	351°, 44%, 72%
HSV	351°, 29%, 84%
XYZ	45.6856, 39.4768, 38.9301
YIQ	171.8630, 34.6590, 16.1550

Conversions

Conversions Part 2

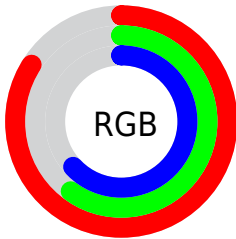
Format	Color
R _Y B	215, 152, 161
Decimal	14129313
CIE Lab	69.10, 24.88, 4.76
CIE LCh	69, 25.329, 10.843
Yxy	39.4768, 0.3682, 0.3181
Android (android.graphics.Color)	4292319393 (0xFFD798A1)
YUV	171.8630, -5.3555, 37.8311
Hunter-Lab	62.8306, 19.8381, 7.2450

Details

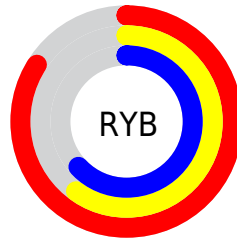
The XYZ color **45.6856, 39.4768, 38.9301** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3916, 59.7334, 67.3748**, and the grayscale version is **39.1583, 41.1976, 44.8642**.

A 20% lighter version of the original color is **75.9475, 70.8435, 74.6370**, and **21.6697, 17.6111, 17.0090** is the 20% darker color. If you saturate the color by 10%, you get **41.0000, 32.5174, 29.9322**, and if you desaturate by 10%, it is **51.2455, 47.8007, 49.4022**.

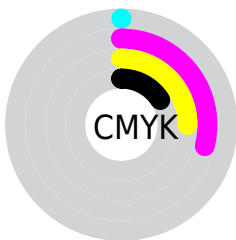
Distribution



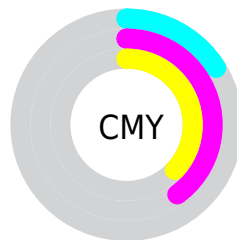
- Red (84%)
- Green (60%)
- Blue (63%)



- Red (84%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6856, 39.4768, 38.9301 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 45.6856, 39.4768, 38.9301 by changing the saturation by 10% instead.


 45.6856, 39.4768,
38.9301


 45.6856, 39.4768,
38.9301


360.2804,
343.9134, 357.0103

 32.2014, 27.1308,
26.3979


 82.9790, 74.3661,
74.7507

 21.6716, 17.6715,
16.8931


 107.5189, 97.6783,
98.8762

 13.7311, 10.7144,
9.9972


136.4748,
125.4147, 127.7032

 8.0143, 5.8751,
5.2915

170.2119,
157.9597, 161.6503

 4.1560, 2.7693,
2.3576

209.0956,
195.6976, 201.1361

 1.7908, 1.0125,
0.7632

253.4914,

 0.5121, 0.0000,

239.0130, 246.5789

0.0000

303.7645,
288.2901, 298.3975

0.0000, 0.0000,
0.0000

45.6856, 39.4768,
38.9301

45.6856, 39.4768,
38.9301

41.0000, 32.5174,
29.9322

51.2455, 47.8007,
49.4022

37.1407, 26.8444,
22.3396

57.7178, 57.5507,
61.4083

34.0602, 22.3803,
16.0818

65.1423, 68.7913,
75.0076

31.7048, 19.0369,
11.0807

73.5557, 81.5815,
90.2558

30.0136, 16.7142,
7.2504

81.5380, 93.0686,
106.7208

■ 28.9158, 15.2941,
4.4936

■ 81.8344, 93.1871,
108.2815

■ 28.3014, 14.5840,
2.6893

■ 28.2678, 14.5445,
2.5933

Harmonies

Analogous

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



45.3538, 39.4768, 50.7108



45.6856, 39.4768, 38.9301



43.7147, 39.4768, 30.0062

Triad

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



45.6856, 39.4768, 38.9301



32.6640, 39.4768, 28.2458



35.0280, 39.4768, 67.6290

Complementary

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



45.6856, 39.4768, 38.9301



48.3916, 59.7334, 67.3748

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.



31.9428, 39.4768, 59.2485



45.6856, 39.4768, 38.9301



30.6472, 39.4768, 36.0841

Square

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



45.6856, 39.4768, 38.9301



36.0781, 39.4768, 24.6165



30.3930, 39.4768, 47.3090



39.0029, 39.4768, 68.7653

Rectangle

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



45.6856, 39.4768, 38.9301



41.4376, 39.4768, 26.3259



30.3930, 39.4768, 47.3090



33.8603, 39.4768, 65.5034

Sweetspot

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



45.6867, 39.4787, 38.9309



85.1534, 85.0185, 90.7675



48.8241, 40.4222, 69.5192



17.9074, 17.7159, 18.8398



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.



45.6867, 39.4787, 38.9309



62.9165, 51.6759, 49.0387



48.8388, 47.0072, 36.2074



12.4948, 12.4494, 13.2798



16.9310, 8.7087, 1.6745



1.0449, 0.5348, 0.2259

Inverse Universe

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



45.6867, 39.4787, 38.9309



62.9165, 51.6759, 49.0387



44.2751, 49.7010, 71.5499



12.4948, 12.4494, 13.2798



16.9310, 8.7087, 1.6745



1.0449, 0.5348, 0.2259

Previews

White Background



This preview shows how the XYZ color 45.6856, 39.4768, 38.9301 looks on a white background.

Color Contrast Check

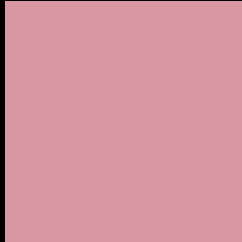
Large Text (above 18pt) WCAG AA × Fail

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 45.6856, 39.4768, 38.9301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

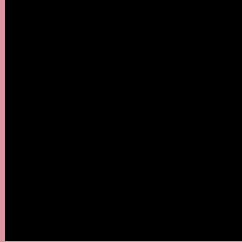
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6856, 39.4768, 38.9301

Background



This preview shows how black text looks on a background with the XYZ color 45.6856, 39.4768, 38.9301.



This preview shows how white text looks on a background with the XYZ color 45.6856, 39.4768,

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

45.6856, 39.4768, 38.9301

Protanopia

38.2716, 39.6782, 43.6717

Deuteranopia

40.3415, 39.5164, 38.3021



Tritanopia

45.8634, 39.5479, 39.8666

Trichromacy



Original Color

45.6856, 39.4768, 38.9301

Protanomaly

40.6344, 39.3220, 42.0075

Deuteranomaly

42.0320, 39.3401, 38.6358

Tritanomaly

45.7742, 39.5122, 39.3965

Monochromacy



Original Color

45.6856, 39.4768, 38.9301

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.2621, 40.4288, 42.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6856, 39.4768, 38.9301 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, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(215, 152, 161)  
}
```

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, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 152, 161) }
```

Border

The CSS property to change the border of an element to XYZ 45.6856, 39.4768, 38.9301 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, 152, 161) }
```


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

```
.border{ border-color:rgb(215, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(215, 152,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6856, 39.4768, 38.9301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 152, 161) }
```

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

```
.background{ background-color: rgb(215,  
152, 161) }
```

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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