

Converting Colors

XYZ(47.1268, 39.7946, 47.3168)

Have a look what the booklet for
XYZ(47.1268, 39.7946, 47.3168)
contains.

XYZ(47.1268, 39.7946, 47.3168)	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(47.1268, 39.7946,
47.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	D797B2
RGB	215, 151, 178
RGB Percent	84%, 59%, 70%
CMY	0.1569, 0.4078, 0.3020
CMYK	0.00, 0.30, 0.17, 0.16
HSL	335°, 44%, 72%
HSV	335°, 30%, 84%
XYZ	47.1268, 39.7946, 47.3168
YIQ	173.2140, 29.4770, 21.9650

Conversions

Conversions Part 2

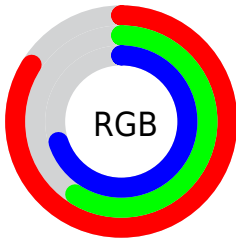
Format	Color
R_{YB}	215, 151, 178
Decimal	14129074
CIE _{Lab}	69.32, 27.97, -4.38
CIE _{LCh}	69, 28.312, 351.099
Yxy	39.7946, 0.3511, 0.2964
Android (android.graphics.Color)	4292319154 (0xFFD797B2)
YUV	173.2140, 2.3595, 36.6463
Hunter-Lab	63.0830, 22.9551, -0.3137

Details

The XYZ color **47.1268, 39.7946, 47.3168** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.1417, 58.8120, 56.4995**, and the grayscale version is **39.8084, 41.8815, 45.6090**.

A 20% lighter version of the original color is **78.1626, 71.3431, 87.4929**, and **22.4616, 17.7753, 21.6492** is the 20% darker color. If you saturate the color by 10%, you get **42.7851, 33.0185, 39.9884**, and if you desaturate by 10%, it is **52.2149, 47.8815, 55.4529**.

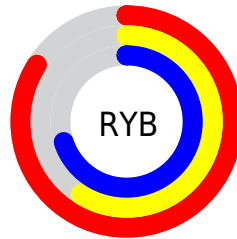
Distribution



Red (84%)

Green (59%)

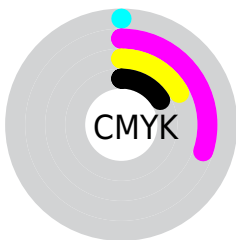
Blue (70%)



Red (84%)

Yellow (59%)

Blue (70%)

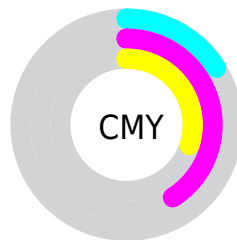


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (16%)



Cyan (16%)


Magenta (41%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1268, 39.7946, 47.3168 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 47.1268, 39.7946, 47.3168 by changing the saturation by 10% instead.


 47.1268, 39.7946,
47.3168

 47.1268, 39.7946,
47.3168


365.9609,
345.2571, 392.5080

 33.3443, 27.3784,
32.9300


 85.1205, 74.8506,
87.5412

 22.5508, 17.8576,
21.8022


 110.0623, 98.2593,
114.2160

 14.3810, 10.8478,
13.5147


139.4546,
126.1009, 145.8238

 8.4696, 5.9646,
7.6490

173.6628,
158.7599, 182.7833

 4.4512, 2.8236,
3.7867

213.0521,
196.6206, 225.5128

 1.9604, 1.0403,
1.5091

257.9880,

 0.6116, 0.0000,

240.0674, 274.4311

0.2247

308.8358,
289.4848, 329.9567

0.0000, 0.0000,
0.0000

47.1268, 39.7946,
47.3168

47.1268, 39.7946,
47.3168

42.7851, 33.0185,
39.9884

52.2149, 47.8815,
55.4529

39.1490, 27.4779,
33.4381

58.0805, 57.3383,
64.4199

36.1789, 23.0981,
27.6378

64.7572, 68.2271,
74.2432

33.8298, 19.7942,
22.5562

72.2754, 80.6047,
84.9462

32.0505, 17.4693,
18.1596

79.5355, 92.2676,
96.1750

■ 30.7808, 16.0089,
14.4100

■ 81.4479, 93.0325,
106.2455

■ 29.9178, 15.2132,
11.2544

■ 81.8345, 93.1872,
108.2815

■ 29.8998, 15.1973,
11.1864

Harmonies

Analogous

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



45.0372, 39.7946, 61.0152



47.1268, 39.7946, 47.3168



46.5727, 39.7946, 34.9332

Triad

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



47.1268, 39.7946, 47.3168



34.7653, 39.7946, 23.9293



32.5989, 39.7946, 65.8607

Complementary

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



47.1268, 39.7946, 47.3168



46.1417, 58.8120, 56.4995

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.



30.2451, 39.7946, 52.9738



47.1268, 39.7946, 47.3168



31.4245, 39.7946, 29.4414

Square

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



47.1268, 39.7946, 47.3168



39.1913, 39.7946, 23.0150



29.8331, 39.7946, 39.5728



36.4880, 39.7946, 73.0433

Rectangle

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



47.1268, 39.7946, 47.3168



44.7956, 39.7946, 28.8768



29.8331, 39.7946, 39.5728



31.6153, 39.7946, 61.9436

Sweetspot

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



47.1279, 39.7964, 47.3176



86.0974, 85.3960, 95.7382



43.8927, 37.6400, 69.2422



18.1386, 17.8084, 20.0576



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.



47.1279, 39.7964, 47.3176



65.0245, 51.7862, 62.3992



45.3774, 40.2149, 34.6509



12.6384, 12.5069, 14.0362



17.9340, 9.1099, 6.9563



1.1225, 0.5658, 0.6347

Inverse Universe

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



47.1279, 39.7964, 47.3176



65.0245, 51.7862, 62.3992



48.2576, 57.9427, 72.9310



12.6384, 12.5069, 14.0362



17.9340, 9.1099, 6.9563



1.1225, 0.5658, 0.6347

Previews

White Background



This preview shows how the XYZ color 47.1268, 39.7946, 47.3168 looks on a white background.

Color Contrast Check

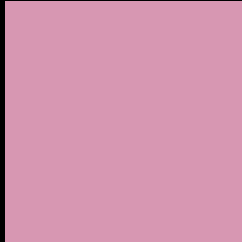
Large Text (above 18pt) WCAG AA × Fail

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 47.1268, 39.7946, 47.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

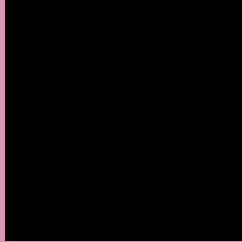
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1268, 39.7946, 47.3168

Background



This preview shows how black text looks on a background with the XYZ color 47.1268, 39.7946, 47.3168.



This preview shows how white text looks on a background with the XYZ color 47.1268, 39.7946,

47.3168.

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

47.1268, 39.7946, 47.3168

Protanopia

39.1243, 39.8949, 53.7825

Deuteranopia

40.6404, 39.7528, 46.6054



Tritanopia

45.6233, 39.6452, 40.8450

Trichromacy



Original Color

47.1268, 39.7946, 47.3168

Protanomaly

41.4445, 39.5338, 51.3454

Deuteranomaly

42.8396, 39.5727, 46.9754

Tritanomaly

46.2155, 39.6549, 43.2485

Monochromacy



Original Color

47.1268, 39.7946, 47.3168

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.9320, 40.6968, 46.2026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1268, 39.7946, 47.3168 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, 151, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 151, 178)  
}
```

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, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 151, 178) }
```

Border

The CSS property to change the border of an element to XYZ 47.1268, 39.7946, 47.3168 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, 151, 178) }
```


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

```
.border{ border-color:rgb(215, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 151, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 151, 178);  
box-shadow:4px 4px 4px 4px rgb(215, 151,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1268, 39.7946, 47.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 151, 178) }
```

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

```
.background{ background-color: rgb(215,  
151, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor