

Converting Colors

XYZ(43.6614, 37.0449, 43.6280)

Have a look what the booklet for
XYZ(43.6614, 37.0449, 43.6280)
contains.

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Color

**XYZ(43.8925, 37.2559,
43.9074)**

Conversions

Conversions Part 1

Format	Color
Hex	D093AC
RGB	208, 147, 172
RGB Percent	82%, 58%, 67%
CMY	0.1843, 0.4235, 0.3255
CMYK	0.00, 0.29, 0.17, 0.18
HSL	335°, 39%, 70%
HSV	335°, 29%, 82%
XYZ	43.8925, 37.2559, 43.9074
YIQ	168.0890, 28.3310, 20.7070

Conversions

Conversions Part 2

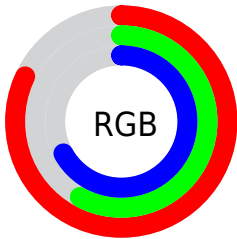
Format	Color
R _Y B	208, 147, 172
Decimal	13669292
CIE Lab	67.47, 26.70, -3.85
CIE LCh	67, 26.972, 351.797
Yxy	37.2559, 0.3510, 0.2979
Android (android.graphics.Color)	4291859372 (0xFFD093AC)
YUV	168.0890, 1.9281, 35.0019
Hunter-Lab	61.0376, 21.5446, 0.0761

Details

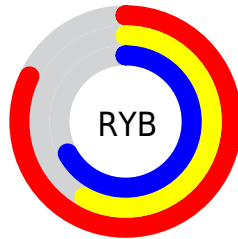
The XYZ color **43.8925, 37.2559, 43.9074** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1373, 54.7346, 53.0936**, and the grayscale version is **37.2451, 39.1848, 42.6722**.

A 20% lighter version of the original color is **75.9918, 68.5793, 81.9050**, and **20.7099, 16.4941, 19.8615** is the 20% darker color. If you saturate the color by 10%, you get **39.8208, 30.9126, 36.9995**, and if you desaturate by 10%, it is **48.6601, 44.8157, 51.5855**.

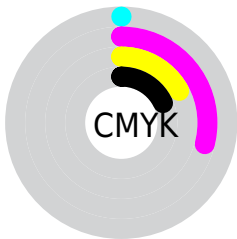
Distribution



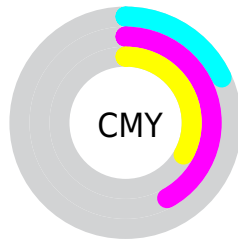
- Red (82%)
- Green (58%)
- Blue (67%)



- Red (82%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8925, 37.2559, 43.9074 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 43.8925, 37.2559, 43.9074 by changing the saturation by 10% instead.


 43.8925, 37.2559,
43.9074


 43.8925, 37.2559,
43.9074


353.1290,
334.4171, 378.3606

 30.7836, 25.4057,
30.2611


 80.3033, 70.9662,
82.3794

 20.5851, 16.3796,
19.7831


 104.3359, 93.5950,
108.0421

 12.9318, 9.7931,
12.0550


132.7404,
120.5856, 138.5473

 7.4583, 5.2620,
6.6581

165.8821,
152.3222, 174.3137

 3.7992, 2.4018,
3.1740

204.1265,
189.1892, 215.7596

 1.5892, 0.8268,
1.1842

247.8389,

 0.3853, 0.0000,

231.5711, 263.3037

0.0000

297.3846,
279.8523, 317.3645

■ 0.0000, 0.0000,
0.0000

■ 43.8925, 37.2559,
43.9074

■ 43.8925, 37.2559,
43.9074

■ 39.8208, 30.9126,
36.9995

■ 48.6601, 44.8157,
51.5855

■ 36.4072, 25.7165,
30.8335

■ 54.1523, 53.6463,
60.0561

■ 33.6154, 21.5991,
25.3826

■ 60.4001, 63.8051,
69.3433

■ 31.4036, 18.4823,
20.6170

■ 67.4318, 75.3441,
79.4694

■ 29.7250, 16.2774,
16.5045

■ 75.2741, 88.3128,
90.4560

■ 28.5243, 14.8800,
13.0092

■ 78.3547, 91.5628,
100.4578

■ 27.7102, 14.1134,
10.0820

■ 79.8226, 92.1500,
108.1874

■ 27.6617, 14.0696,
9.9018

Harmonies

Analogous

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



42.0449, 37.2559, 56.3693



43.8925, 37.2559, 43.9074



43.3319, 37.2559, 32.6719

Triad

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



43.8925, 37.2559, 43.9074



32.5350, 37.2559, 22.8593



30.7101, 37.2559, 61.2580

Complementary

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



43.8925, 37.2559, 43.9074



43.1373, 54.7346, 53.0936

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.



28.5188, 37.2559, 49.6376



43.8925, 37.2559, 43.9074



29.5137, 37.2559, 28.0314

Square

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



43.8925, 37.2559, 43.9074



36.5591, 37.2559, 21.9192



28.0985, 37.2559, 37.3973



34.2864, 37.2559, 67.5870

Rectangle

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



43.8925, 37.2559, 43.9074



41.6859, 37.2559, 27.1836



28.0985, 37.2559, 37.3973



29.7990, 37.2559, 57.7449

Sweetspot

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



43.8936, 37.2576, 43.9082



86.0559, 85.3795, 95.5200



41.2498, 35.4397, 64.3413



18.1285, 17.8043, 20.0040



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.



43.8936, 37.2576, 43.9082



65.5299, 52.7213, 62.8011



42.5220, 38.0018, 32.6998



12.0067, 11.8874, 13.3111



17.2856, 8.7871, 6.4102



1.0055, 0.5069, 0.5637

Inverse Universe

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



43.8936, 37.2576, 43.9082



65.5299, 52.7213, 62.8011



44.7552, 53.4305, 67.6291



12.0067, 11.8874, 13.3111



17.2856, 8.7871, 6.4102



1.0055, 0.5069, 0.5637

Previews

White Background



This preview shows how the XYZ color 43.8925, 37.2559, 43.9074 looks on a white background.

Color Contrast Check

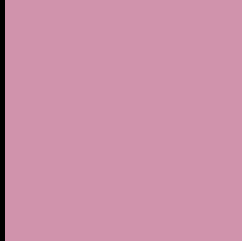
Large Text (above 18pt) WCAG AA × Fail

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 43.8925, 37.2559, 43.9074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

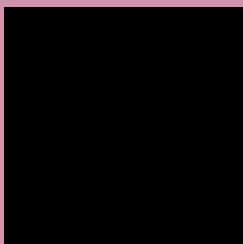
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8925, 37.2559, 43.9074

Background



This preview shows how black text looks on a background with the XYZ color 43.8925, 37.2559, 43.9074.



This preview shows how white text looks on a background with the XYZ color 43.8925, 37.2559,

43.9074.

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

43.8925, 37.2559, 43.9074

Protanopia

36.6192, 37.6097, 49.5853

Deuteranopia

38.1866, 37.5089, 43.2575



Tritanopia

42.8247, 37.2984, 38.1999

Trichromacy



Original Color

43.8925, 37.2559, 43.9074

Protanomaly

38.8531, 37.2518, 47.2620

Deuteranomaly

40.0583, 37.2018, 43.5974

Tritanomaly

43.0229, 37.1255, 40.0204

Monochromacy



Original Color

43.8925, 37.2559, 43.9074

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.2607, 38.0735, 42.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8925, 37.2559, 43.9074 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(208, 147, 172)` looks like.

```
.text, #text, p{  
    color:rgb(208, 147, 172)  
}
```

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(208, 147, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 147, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.8925, 37.2559, 43.9074 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(208, 147, 172) }
```


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

```
.border{ border-color:rgb(208, 147, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 147, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 147, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 147, 172);  
box-shadow:4px 4px 4px 4px rgb(208, 147,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8925, 37.2559, 43.9074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 147, 172) }
```

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

```
.background{ background-color: rgb(208,  
147, 172) }
```

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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