

Converting Colors

XYZ(44.7232, 37.2264, 43.8580)

Have a look what the booklet for
XYZ(44.7232, 37.2264, 43.8580)
contains.

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Color

**XYZ(44.7232, 37.2264,
43.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	D491AC
RGB	212, 145, 172
RGB Percent	83%, 57%, 67%
CMY	0.1686, 0.4314, 0.3255
CMYK	0.00, 0.32, 0.19, 0.17
HSL	336°, 44%, 70%
HSV	336°, 32%, 83%
XYZ	44.7232, 37.2264, 43.8580
YIQ	168.1110, 31.2650, 22.6010

Conversions

Conversions Part 2

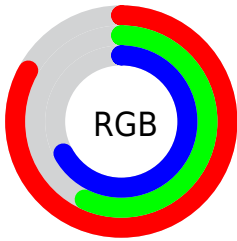
Format	Color
R _Y B	212, 145, 172
Decimal	13930924
CIE Lab	67.45, 29.21, -3.83
CIE LCh	67, 29.464, 352.529
Yxy	37.2264, 0.3555, 0.2959
Android (android.graphics.Color)	4292121004 (0xFFD491AC)
YUV	168.1110, 1.9173, 38.4907
Hunter-Lab	61.0134, 24.0680, 0.0903

Details

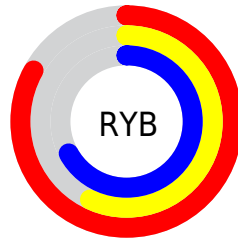
The XYZ color **44.7232, 37.2264, 43.8580** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.9791, 56.6105, 54.5106**, and the grayscale version is **37.2550, 39.1951, 42.6835**.

A 20% lighter version of the original color is **75.7594, 68.1146, 81.8275**, and **21.1032, 16.4294, 19.8282** is the 20% darker color. If you saturate the color by 10%, you get **40.6227, 30.8788, 36.7765**, and if you desaturate by 10%, it is **49.5461, 44.8326, 51.7524**.

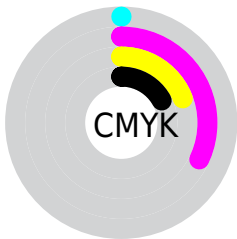
Distribution



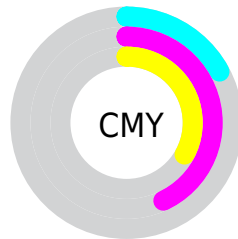
- Red (83%)
- Green (57%)
- Blue (67%)



- Red (83%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7232, 37.2264, 43.8580 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 44.7232, 37.2264, 43.8580 by changing the saturation by 10% instead.


 44.7232, 37.2264,
43.8580


 44.7232, 37.2264,
43.8580

356.4539,
334.2897, 378.1529

 31.4398, 25.3828,
30.2225


 81.5445, 70.9209,
82.3042

 21.0874, 16.3625,
19.7541


 105.8131, 93.5405,
107.9520

 13.3008, 9.7810,
12.0341


134.4742,
120.5210, 138.4410

 7.7144, 5.2540,
6.6441

167.8931,
152.2467, 174.1898

 3.9630, 2.3971,
3.1655

206.4352,
189.1021, 215.6168

 1.6812, 0.8244,
1.1797

250.4658,

 0.4445, 0.0000,

231.4714, 263.1406

0.0000

300.3502,
279.7391, 317.1798

■ 0.0000, 0.0000,
0.0000

■ 44.7232, 37.2264,
43.8580

■ 44.7232, 37.2264,
43.8580

■ 40.6227, 30.8788,
36.7765

■ 49.5461, 44.8326,
51.7524

■ 37.2045, 25.7160,
30.4775

■ 55.1223, 53.7557,
60.4840

■ 34.4293, 21.6644,
24.9317

■ 61.4849, 64.0565,
70.0790

■ 32.2522, 18.6400,
20.1067

■ 68.6639, 75.7904,
80.5615

■ 30.6222, 16.5465,
15.9671

■ 76.6876, 89.0098,
91.9547

■ 29.4786, 15.2690,
12.4734

■ 79.8465, 92.2911,
102.3687

■ 28.8082, 14.6598,
9.9945

■ 80.9616, 92.7372,
108.2407

Harmonies

Analogous

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



42.7421, 37.2264, 57.6486



44.7232, 37.2264, 43.8580



44.0373, 37.2264, 31.7208

Triad

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



44.7232, 37.2264, 43.8580



32.1544, 37.2264, 21.6079



30.3520, 37.2264, 63.6839

Complementary

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



44.7232, 37.2264, 43.8580



43.9791, 56.6105, 54.5106

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.



27.9433, 37.2264, 50.8430



44.7232, 37.2264, 43.8580



28.9204, 37.2264, 27.1927

Square

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



44.7232, 37.2264, 43.8580



36.5252, 37.2264, 20.5164



27.4424, 37.2264, 37.3809



34.2640, 37.2264, 70.5773

Rectangle

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



44.7232, 37.2264, 43.8580



42.1850, 37.2264, 25.9227



27.4424, 37.2264, 37.3809



29.3538, 37.2264, 59.8043

Sweetspot

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



44.7243, 37.2281, 43.8588



86.0324, 85.3701, 95.3961



41.7977, 35.2068, 66.8804



18.1227, 17.8020, 19.9735



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.



44.7243, 37.2281, 43.8588



63.5787, 49.7858, 59.1696



43.2633, 38.0425, 31.8529



12.6285, 12.5029, 13.9841



17.8313, 9.0688, 6.4155



1.1159, 0.5631, 0.5996

Inverse Universe

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



44.7243, 37.2281, 43.8588



63.5787, 49.7858, 59.1696



45.7337, 55.1177, 70.5162



12.6285, 12.5029, 13.9841



17.8313, 9.0688, 6.4155



1.1159, 0.5631, 0.5996

Previews

White Background



This preview shows how the XYZ color 44.7232, 37.2264, 43.8580 looks on a white background.

Color Contrast Check

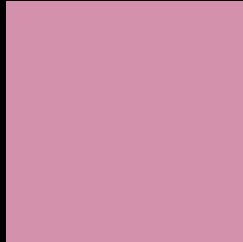
Large Text (above 18pt) WCAG AA × Fail

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 44.7232, 37.2264, 43.8580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

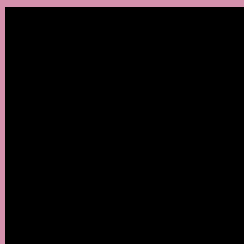
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7232, 37.2264, 43.8580

Background



This preview shows how black text looks on a background with the XYZ color 44.7232, 37.2264, 43.8580.



This preview shows how white text looks on a background with the XYZ color 44.7232, 37.2264,

43.8580.

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

44.7232, 37.2264, 43.8580

Protanopia

36.5447, 37.2947, 50.0722

Deuteranopia

38.0923, 37.4712, 42.7611



Tritanopia

43.2701, 37.0723, 37.6760

Trichromacy



Original Color

44.7232, 37.2264, 43.8580

Protanomaly

38.8475, 36.7349, 47.6909

Deuteranomaly

40.2122, 37.2921, 43.1089

Tritanomaly

43.8437, 37.0870, 39.9696

Monochromacy



Original Color

44.7232, 37.2264, 43.8580

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.4994, 38.1965, 42.8269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7232, 37.2264, 43.8580 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, 145, 172) looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 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(212, 145, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 172) }
```

Border

The CSS property to change the border of an element to XYZ 44.7232, 37.2264, 43.8580 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, 145, 172) }
```


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

```
.border{ border-color:rgb(212, 145, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 172);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7232, 37.2264, 43.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 172) }
```

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

```
.background{ background-color: rgb(212,  
145, 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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