

Converting Colors

XYZ(47.7001, 41.7379, 38.0865)

Have a look what the booklet for
XYZ(47.7001, 41.7379, 38.0865)
contains.

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Color

**XYZ(47.7437, 41.7982,
37.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9D9E
RGB	220, 157, 158
RGB Percent	86%, 62%, 62%
CMY	0.1373, 0.3843, 0.3804
CMYK	0.00, 0.29, 0.28, 0.14
HSL	359°, 47%, 74%
HSV	359°, 29%, 86%
XYZ	47.7437, 41.7982, 37.8992
YIQ	175.9510, 37.2270, 13.6670

Conversions

Conversions Part 2

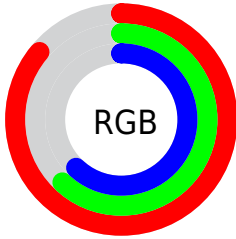
Format	Color
R _Y B	220, 157, 158
Decimal	14458270
CIE Lab	70.73, 23.62, 8.85
CIE LCh	71, 25.223, 20.541
Yxy	41.7982, 0.3746, 0.3280
Android (android.graphics.Color)	4292648350 (0xFFDC9D9E)
YUV	175.9510, -8.8498, 38.6310
Hunter-Lab	64.6515, 18.6781, 10.4998

Details

The XYZ color **47.7437, 41.7982, 37.8992** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2858, 63.4699, 76.5163**, and the grayscale version is **41.2733, 43.4228, 47.2874**.

A 20% lighter version of the original color is **76.7937, 73.1511, 73.0229**, and **23.0153, 19.0572, 16.3753** is the 20% darker color. If you saturate the color by 10%, you get **42.6488, 34.3327, 27.8017**, and if you desaturate by 10%, it is **53.8394, 50.7393, 49.9512**.

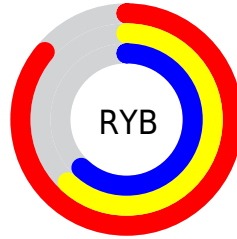
Distribution



Red (86%)

Green (62%)

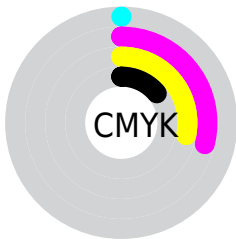
Blue (62%)



Red (86%)

Yellow (62%)

Blue (62%)

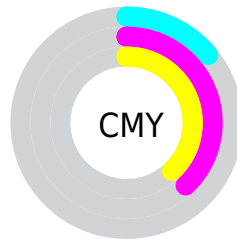


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (14%)



Cyan (14%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7437, 41.7982, 37.8992 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 47.7437, 41.7982, 37.8992 by changing the saturation by 10% instead.


 47.7437, 41.7982,
37.8992


 47.7437, 41.7982,
37.8992


368.3748,
353.6457, 352.4726

 33.8344, 28.9433,
25.6032

 86.0347, 77.8941,
73.1553

 22.9287, 19.0379,
16.3040


 111.1470,
101.9039, 96.9526

 14.6613, 11.6977,
9.5828


140.7245,
130.4009, 125.4206

 8.6668, 6.5382,
5.0213

175.1323,
163.7693, 158.9781

 4.5798, 3.1750,
2.2008

214.7359,
202.3936, 198.0435

 2.0351, 1.2238,
0.6748

259.9006,

 0.6536, 0.0810,

246.6581, 243.0353

0.0000

310.9918,
296.9474, 294.3722

■ 0.0000, 0.0000,
0.0000

■ 47.7437, 41.7982,
37.8992

■ 47.7437, 41.7982,
37.8992

■ 42.6488, 34.3327,
27.8017

■ 53.8394, 50.7393,
49.9512

■ 38.4981, 28.2580,
19.5535

■ 60.9819, 61.2230,
64.0503

■ 35.2346, 23.4899,
13.0431

■ 69.2181, 73.3195,
80.2864

■ 32.7937, 19.9326,
8.1463

■ 78.5914, 87.0927,
98.7432

■ 31.1021, 17.4772,
4.7224

■ 83.3253, 93.9557,
108.3513

■ 30.0737, 15.9954,
2.6064

■ 29.5831, 15.2950,
1.5778

■ 29.5343, 15.2233,
1.4816

Harmonies

Analogous

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



48.1995, 41.7982, 49.4015



47.7437, 41.7982, 37.8992



45.0606, 41.7982, 29.9454

Triad

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



47.7437, 41.7982, 37.8992



33.8372, 41.7982, 32.3882



38.4211, 41.7982, 72.2169

Complementary

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



47.7437, 41.7982, 37.8992



52.2858, 63.4699, 76.5163

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.



34.8335, 41.7982, 65.7081



47.7437, 41.7982, 37.8992



32.3122, 41.7982, 41.8305

Square

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



47.7437, 41.7982, 37.8992



36.9726, 41.7982, 27.1727



32.6637, 41.7982, 54.0796



42.6168, 41.7982, 70.6621

Rectangle

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



47.7437, 41.7982, 37.8992



42.4673, 41.7982, 27.0672



32.6637, 41.7982, 54.0796



37.1089, 41.7982, 70.8619

Sweetspot

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



47.7448, 41.8002, 37.9000



84.7349, 84.8511, 88.5635



54.1747, 44.3355, 73.4126



17.8053, 17.6750, 18.3024



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.



47.7448, 41.8002, 37.9000



62.5226, 52.2660, 44.6598



53.4681, 53.3833, 39.3867



13.0644, 13.0548, 13.6002



17.3372, 8.9359, 0.8897



1.1262, 0.5801, 0.0734

Inverse Universe

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



47.7448, 41.8002, 37.9000



62.5226, 52.2660, 44.6598



45.1408, 48.9695, 74.7832



13.0644, 13.0548, 13.6002



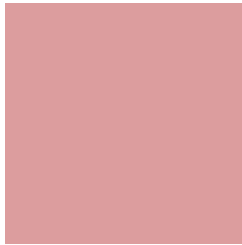
17.3372, 8.9359, 0.8897



1.1262, 0.5801, 0.0734

Previews

White Background



This preview shows how the XYZ color 47.7437, 41.7982, 37.8992 looks on a white background.

Color Contrast Check

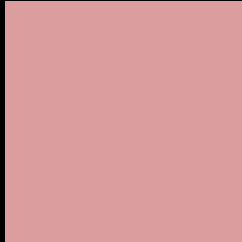
Large Text (above 18pt) WCAG AA × Fail

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 47.7437, 41.7982, 37.8992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

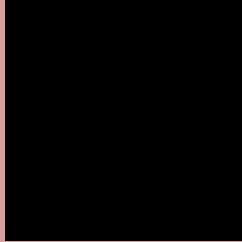
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7437, 41.7982, 37.8992

Background



This preview shows how black text looks on a background with the XYZ color 47.7437, 41.7982, 37.8992.



This preview shows how white text looks on a background with the XYZ color 47.7437, 41.7982,

37.8992.

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

47.7437, 41.7982, 37.8992

Protanopia

40.1866, 42.1053, 42.0855

Deuteranopia

42.5844, 41.7735, 37.2711



Tritanopia

48.6823, 41.9391, 42.0884

Trichromacy



Original Color

47.7437, 41.7982, 37.8992

Protanomaly

42.4219, 41.6192, 40.4478

Deuteranomaly

44.3598, 41.6078, 37.5914

Tritanomaly

48.4081, 41.8294, 40.6445

Monochromacy



Original Color

47.7437, 41.7982, 37.8992

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.0876, 42.4470, 43.4582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7437, 41.7982, 37.8992 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(220, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(220, 157, 158)  
}
```

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(220, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 157, 158) }
```

Border

The CSS property to change the border of an element to XYZ 47.7437, 41.7982, 37.8992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

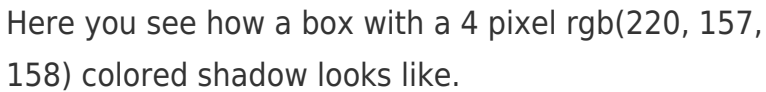
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 157, 158) }
```


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

```
.border{ border-color:rgb(220, 157, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 157, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 157, 158); box-shadow:4px 4px 4px 4px rgb(220, 157, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7437, 41.7982, 37.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 157, 158) }
```

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

```
.background{ background-color: rgb(220,  
157, 158) }
```

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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