

Converting Colors

XYZ(48.8699, 41.8554, 42.3036)

Have a look what the booklet for
XYZ(48.8699, 41.8554, 42.3036)
contains.

XYZ(48.8206, 41.7623, 42.0470)	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(48.8206, 41.7623,
42.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9BA7
RGB	222, 155, 167
RGB Percent	87%, 61%, 65%
CMY	0.1294, 0.3921, 0.3451
CMYK	0.00, 0.30, 0.25, 0.13
HSL	349°, 50%, 74%
HSV	349°, 30%, 87%
XYZ	48.8206, 41.7623, 42.0470
YIQ	176.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

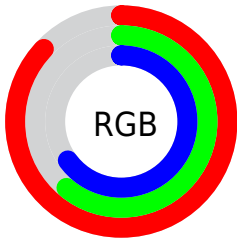
Format	Color
R _Y B	222, 155, 167
Decimal	14588839
CIE Lab	70.71, 26.69, 3.85
CIE LCh	71, 26.969, 8.211
Yxy	41.7623, 0.3681, 0.3149
Android (android.graphics.Color)	4292778919 (0xFFDE9BA7)
YUV	176.4010, -4.6347, 39.9903
Hunter-Lab	64.6238, 21.7579, 6.6600

Details

The XYZ color **48.8206, 41.7623, 42.0470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2735, 63.8653, 70.6008**, and the grayscale version is **41.4874, 43.6480, 47.5326**.

A 20% lighter version of the original color is **77.4714, 72.6271, 79.0425**, and **23.6706, 19.0453, 18.6482** is the 20% darker color. If you saturate the color by 10%, you get **43.8922, 34.4143, 32.6693**, and if you desaturate by 10%, it is **54.6680, 50.5676, 52.9034**.

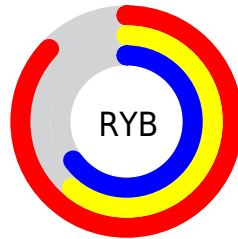
Distribution



Red (87%)

Green (61%)

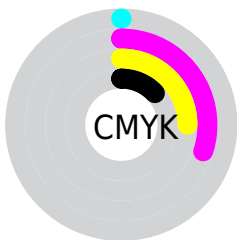
Blue (65%)



Red (87%)

Yellow (61%)

Blue (65%)

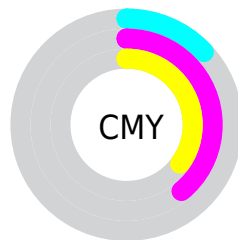


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8206, 41.7623, 42.0470 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 48.8206, 41.7623, 42.0470 by changing the saturation by 10% instead.


 48.8206, 41.7623,
42.0470


 48.8206, 41.7623,
42.0470


372.5643,
353.4966, 370.4831

 34.6911, 28.9152,
28.8122


 87.6273, 77.8397,
79.5416

 23.5905, 19.0167,
18.6945


 113.0352,
101.8389, 104.6386

 15.1532, 11.6823,
11.2752


142.9333,
130.3242, 134.5266

 9.0140, 6.5278,
6.1357

177.6870,
163.6800, 169.6244

 4.8075, 3.1686,
2.8577

217.6616,
202.2908, 210.3504

 2.1683, 1.2204,
1.0224

263.2224,

 0.7260, 0.0782,

246.5409, 257.1232

0.0000

314.7349,
296.8147, 310.3612

0.0000, 0.0000,
0.0000

48.8206, 41.7623,
42.0470

48.8206, 41.7623,
42.0470

43.8922, 34.4143,
32.6693

54.6680, 50.5676,
52.9034

39.8322, 28.4392,
24.7034

61.4746, 60.8968,
65.2965

36.5902, 23.7530,
18.0808

69.2825, 72.8196,
79.2840

34.1095, 20.2601,
12.7262

78.1301, 86.3996,
94.9202

32.3254, 17.8515,
8.5568

83.9343, 94.2697,
108.3798

■ 31.1624, 16.3980,
5.4792

■ 30.5031, 15.6812,
3.4043

Harmonies

Analogous

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



48.2195, 41.7623, 55.2322



48.8206, 41.7623, 42.0470



46.8357, 41.7623, 31.8849

Triad

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



48.8206, 41.7623, 42.0470



34.6122, 41.7623, 28.7468



36.5889, 41.7623, 72.3653

Complementary

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



48.8206, 41.7623, 42.0470



51.2735, 63.8653, 70.6008

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.



33.3176, 41.7623, 62.4565



48.8206, 41.7623, 42.0470



32.2374, 41.7623, 36.9353

Square

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



48.8206, 41.7623, 42.0470



38.4791, 41.7623, 25.2049



31.7819, 41.7623, 49.0782



40.9338, 41.7623, 74.4373

Rectangle

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



48.8206, 41.7623, 42.0470



44.3948, 41.7623, 27.5976



31.7819, 41.7623, 49.0782



35.3370, 41.7623, 69.7617

Sweetspot

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



48.8217, 41.7643, 42.0478



85.2742, 85.0668, 91.4033



51.4053, 42.3788, 74.5781



17.9369, 17.7277, 18.9952



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.



48.8217, 41.7643, 42.0478



62.5740, 50.8060, 49.4948



51.6098, 49.0337, 37.7571



13.8069, 13.7404, 14.7535



18.1472, 9.3259, 2.1750



1.2878, 0.6584, 0.3083

Inverse Universe

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



48.8217, 41.7643, 42.0478



62.5740, 50.8060, 49.4948



47.5402, 53.9164, 77.0088



13.8069, 13.7404, 14.7535



18.1472, 9.3259, 2.1750



1.2878, 0.6584, 0.3083

Previews

White Background



This preview shows how the XYZ color 48.8206, 41.7623, 42.0470 looks on a white background.

Color Contrast Check

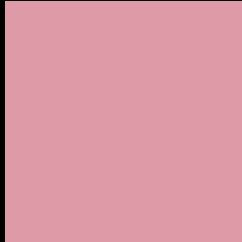
Large Text (above 18pt) WCAG AA × Fail

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 48.8206, 41.7623, 42.0470 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 48.8206, 41.7623, 42.0470

Background



This preview shows how black text looks on a background with the XYZ color 48.8206, 41.7623, 42.0470.



This preview shows how white text looks on a background with the XYZ color 48.8206, 41.7623,

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

48.8206, 41.7623, 42.0470

Protanopia

40.3675, 41.7933, 47.5343

Deuteranopia

42.6026, 41.6915, 41.3992



Tritanopia

48.8206, 41.7623, 42.0470

Trichromacy



Original Color

48.8206, 41.7623, 42.0470

Protanomaly

42.9173, 41.4960, 45.2827

Deuteranomaly

44.8820, 41.7849, 41.7762

Tritanomaly

48.8206, 41.7623, 42.0470

Monochromacy



Original Color

48.8206, 41.7623, 42.0470

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.5378, 42.3599, 45.4167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8206, 41.7623, 42.0470 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(222, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 167)  
}
```

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(222, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 167) }
```

Border

The CSS property to change the border of an element to XYZ 48.8206, 41.7623, 42.0470 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(222, 155, 167) }
```


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

```
.border{ border-color:rgb(222, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8206, 41.7623, 42.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 167) }
```

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

```
.background{ background-color: rgb(222,  
155, 167) }
```

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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