

Converting Colors

XYZ(47.5067, 49.0821, 42.5321)

Have a look what the booklet for
XYZ(47.5067, 49.0821, 42.5321)
contains.

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Color

**XYZ(47.4852, 49.1397,
42.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B8A5
RGB	199, 184, 165
RGB Percent	78%, 72%, 65%
CMY	0.2196, 0.2784, 0.3529
CMYK	0.00, 0.08, 0.17, 0.22
HSL	34°, 23%, 71%
HSV	34°, 17%, 78%
XYZ	47.4852, 49.1397, 42.5795
YIQ	186.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

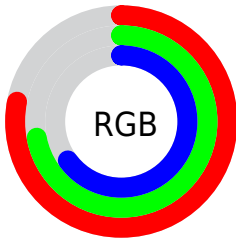
Format	Color
RYB	192, 199, 165
Decimal	13088933
CIELab	75.54, 2.18, 11.57
CIELCh	76, 11.774, 79.317
Yxy	49.1397, 0.3411, 0.3530
Android (android.graphics.Color)	4291279013 (0xFFC7B8A5)
YUV	186.3190, -10.5103, 11.1212
Hunter-Lab	70.0997, -1.7595, 13.0563

Details

The XYZ color **47.4852, 49.1397, 42.5795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.1469, 44.7644, 60.4522**, and the grayscale version is **46.9033, 49.3459, 53.7377**.

A 20% lighter version of the original color is **85.3184, 88.7475, 80.3434**, and **22.7740, 23.4446, 18.9477** is the 20% darker color. If you saturate the color by 10%, you get **44.0464, 44.9384, 33.1816**, and if you desaturate by 10%, it is **51.3217, 53.6845, 53.5017**.

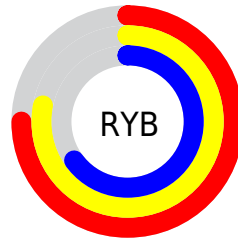
Distribution



Red (78%)

Green (72%)

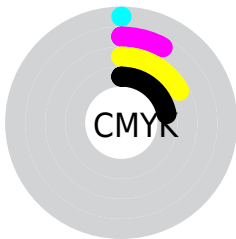
Blue (65%)



Red (75%)

Yellow (78%)

Blue (65%)

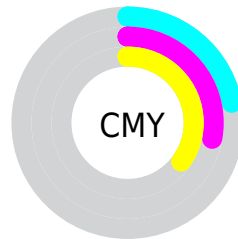


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4852, 49.1397, 42.5795 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 47.4852, 49.1397, 42.5795 by changing the saturation by 10% instead.


 47.4852, 49.1397,
42.5795


 47.4852, 49.1397,
42.5795


367.3646,
383.2920, 372.7499

 33.6289, 34.7303,
29.2264


 85.6518, 88.8989,
80.3555

 22.7702, 23.4552,
19.0051

 110.6928,
115.0175, 105.6154

 14.5437, 14.9300,
11.4971


140.1928,
145.8080, 135.6813

 8.5840, 8.7703,
6.2839

174.5171,
181.6547, 170.9717

 4.5258, 4.5916,
2.9469

214.0310,
222.9421, 211.9053

 2.0037, 2.0097,
1.0676

259.1001,

 0.6360, 0.6131,

270.0545, 258.9005

0.0000

310.0894,
323.3763, 312.3758

■ 0.0000, 0.0000,
0.0000

■ 47.4852, 49.1397,
42.5795

■ 47.4852, 49.1397,
42.5795

■ 44.0464, 44.9384,
33.1816

■ 51.3217, 53.6845,
53.5017

■ 40.9862, 41.0646,
25.2356

■ 55.5661, 58.5749,
66.0096

■ 38.2899, 37.5108,
18.6682

■ 60.2330, 63.8216,
80.1651

■ 35.9401, 34.2666,
13.3980

■ 65.3351, 69.4327,
96.0261

■ 33.9176, 31.3208,
9.3353

■ 69.3166, 74.7888,
105.3900

■ 32.2010, 28.6610,
6.3787

■ 71.7914, 79.7383,
106.2150

■ 30.7656, 26.2737,
4.4097

■ 74.3905, 84.9364,
107.0813

■ 29.5786, 24.1418,
3.2674

■ 77.1156, 90.3867,
107.9897

■ 29.2628, 23.5612,
3.0054

■ 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



49.4847, 49.1397, 44.9283



47.4852, 49.1397, 42.5795



45.3364, 49.1397, 42.9814

Triad

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



47.4852, 49.1397, 42.5795



42.8702, 49.1397, 57.5643



49.9487, 49.1397, 61.6963

Complementary

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



47.4852, 49.1397, 42.5795



42.1469, 44.7644, 60.4522

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.



48.1026, 49.1397, 65.6192



47.4852, 49.1397, 42.5795



44.0329, 49.1397, 63.1086

Square

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



47.4852, 49.1397, 42.5795



42.7165, 49.1397, 51.3155



45.9350, 49.1397, 66.1552



50.9361, 49.1397, 55.7554

Rectangle

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



47.4852, 49.1397, 42.5795



44.1064, 49.1397, 44.7651



45.9350, 49.1397, 66.1552



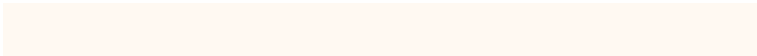
49.4054, 49.1397, 63.3138

Sweetspot

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



47.4865, 49.1419, 42.5805



91.2968, 95.6702, 97.8557



45.2777, 42.3606, 49.1310



19.4316, 20.3498, 20.6254



0.0000, 0.0000, 0.0000



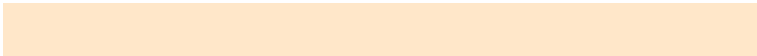
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.4865, 49.1419, 42.5805



80.5184, 82.8637, 67.2868



50.3200, 55.4747, 43.6536



11.1173, 11.6037, 11.2166



18.9051, 15.3273, 1.9621



0.9665, 0.8684, 0.1167

Inverse Universe

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



42.1469, 44.7644, 60.4522



69.2024, 73.5876, 105.1642



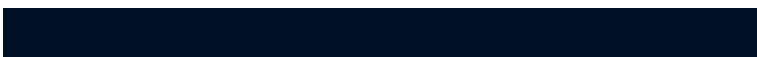
39.6376, 39.2174, 59.5138



10.4352, 11.0445, 13.4993



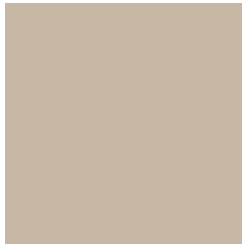
8.9449, 7.2838, 35.6788



0.4954, 0.4886, 1.7134

Previews

White Background



This preview shows how the XYZ color 47.4852, 49.1397, 42.5795 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 47.4852, 49.1397, 42.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

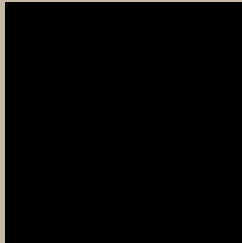
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4852, 49.1397, 42.5795

Background



This preview shows how black text looks on a background with the XYZ color 47.4852, 49.1397, 42.5795.



This preview shows how white text looks on a background with the XYZ color 47.4852, 49.1397,

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

47.4852, 49.1397, 42.5795

Protanopia

46.6900, 49.3403, 43.1392

Deuteranopia

49.8670, 48.8423, 42.8756



Tritanopia

50.6875, 49.2341, 57.8705

Trichromacy



Original Color

47.4852, 49.1397, 42.5795

Protanomaly

46.9968, 49.1869, 43.0934

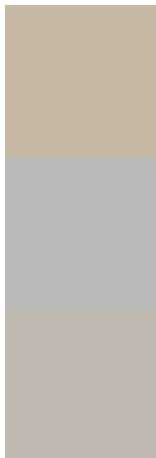
Deuteranomaly

49.1389, 49.0663, 42.9572

Tritanomaly

49.4282, 49.0232, 51.6570

Monochromacy



Original Color

47.4852, 49.1397, 42.5795

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8707, 48.9886, 49.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4852, 49.1397, 42.5795 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(199, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 165)  
}
```

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(199, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.4852, 49.1397, 42.5795 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(199, 184, 165) }
```


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

```
.border{ border-color:rgb(199, 184, 165) }
```

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

Here you see how a box with a 4 pixel rgb(199, 184, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4852, 49.1397, 42.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 165) }
```

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

```
.background{ background-color: rgb(199,  
184, 165) }
```

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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