

Converting Colors

XYZ(47.2741, 46.9794, 41.9394)

Have a look what the booklet for
XYZ(47.2741, 46.9794, 41.9394)
contains.

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Color

**XYZ(47.4155, 46.9983,
42.1698)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB1A5
RGB	204, 177, 165
RGB Percent	80%, 69%, 65%
CMY	0.2000, 0.3059, 0.3529
CMYK	0.00, 0.13, 0.19, 0.20
HSL	18°, 28%, 72%
HSV	18°, 19%, 80%
XYZ	47.4155, 46.9983, 42.1698
YIQ	183.7050, 19.9440, 1.9920

Conversions

Conversions Part 2

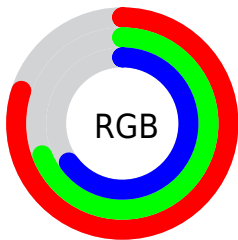
Format	Color
RYB	204, 182, 165
Decimal	13414821
CIELab	74.19, 7.81, 9.71
CIELCh	74, 12.461, 51.217
Yxy	46.9983, 0.3472, 0.3441
Android (android.graphics.Color)	4291604901 (0xFFCCB1A5)
YUV	183.7050, -9.2216, 17.7987
Hunter-Lab	68.5553, 3.4857, 11.5182

Details

The XYZ color **47.4155, 46.9983, 42.1698** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2653, 50.0569, 64.4032**, and the grayscale version is **45.4398, 47.8062, 52.0610**.

A 20% lighter version of the original color is **83.2972, 84.7051, 79.6696**, and **22.5827, 21.9971, 18.6784** is the 20% darker color. If you saturate the color by 10%, you get **43.0587, 41.0228, 32.2759**, and if you desaturate by 10%, it is **52.3597, 53.6738, 53.7218**.

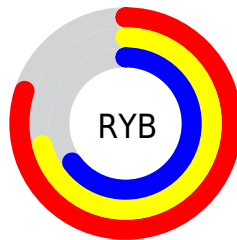
Distribution



Red (80%)

Green (69%)

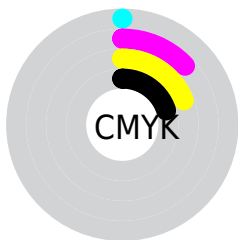
Blue (65%)



Red (80%)

Yellow (71%)

Blue (65%)

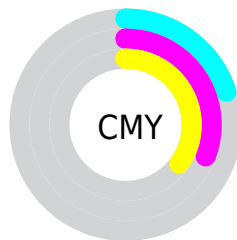


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4155, 46.9983, 42.1698 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 47.4155, 46.9983, 42.1698 by changing the saturation by 10% instead.


 47.4155, 46.9983,
42.1698


 47.4155, 46.9983,
42.1698


367.0919,
374.8077, 371.0067

 33.5736, 33.0343,
28.9077

 85.5485, 85.7111,
79.7294

 22.7275, 22.1527,
18.7660


 110.5702,
111.2287, 104.8640

 14.5120, 13.9692,
11.3262

140.0493,
141.3662, 134.7932

 8.5617, 8.0992,
6.1698

174.3510,
176.5082, 169.9355

 4.5112, 4.1585,
2.8781

213.8408,
217.0389, 210.7095

 1.9952, 1.7626,
1.0328

258.8840,

 0.6313, 0.4637,

263.3428, 257.5336

0.0000

309.8459,
315.8043, 310.8265

■ 0.0000, 0.0000,
0.0000

■ 47.4155, 46.9983,
42.1698

■ 47.4155, 46.9983,
42.1698

■ 43.0587, 41.0228,
32.2759

■ 52.3597, 53.6738,
53.7218

■ 39.2628, 35.7178,
23.9604

■ 57.9089, 61.0650,
67.0007

■ 36.0047, 31.0612,
17.1416

■ 64.0847, 69.1947,
82.0748

■ 33.2582, 27.0269,
11.7289

■ 70.9065, 78.0833,
99.0080

■ 30.9946, 23.5871,
7.6220

■ 76.3995, 86.9526,
107.3646

■ 29.1821, 20.7118,
4.7070

■ 78.7120, 91.5774,
108.1354

■ 27.7844, 18.3675,
2.8501

■ 26.7473, 16.5124,
1.8292

■ 26.6679, 16.3693,
1.7540

Harmonies

Analogous

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



48.7958, 46.9983, 46.8488



47.4155, 46.9983, 42.1698



45.3296, 46.9983, 39.9526

Triad

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



47.4155, 46.9983, 42.1698



40.5583, 46.9983, 49.3176



46.2432, 46.9983, 63.5196

Complementary

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



47.4155, 46.9983, 42.1698



45.2653, 50.0569, 64.4032

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.



44.0178, 46.9983, 64.3195



47.4155, 46.9983, 42.1698



40.7845, 46.9983, 55.7558

Square

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



47.4155, 46.9983, 42.1698



41.4049, 46.9983, 43.8477



42.0335, 46.9983, 61.3746



48.1034, 46.9983, 59.2722

Rectangle

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



47.4155, 46.9983, 42.1698



43.8401, 46.9983, 40.0296



42.0335, 46.9983, 61.3746



45.5113, 46.9983, 64.2138

Sweetspot

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



47.4168, 47.0004, 42.1708



89.3976, 92.4814, 95.3435



47.9051, 43.5673, 55.9285



19.0079, 19.6254, 20.1055



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.



47.4168, 47.0004, 42.1708



75.3922, 73.5586, 62.6583



51.4788, 55.1245, 43.5248



11.4893, 11.7675, 11.7452



16.8581, 10.4492, 1.1284



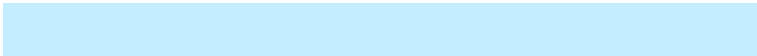
0.9373, 0.6743, 0.0808

Inverse Universe

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



45.2653, 50.0569, 64.4032



71.1751, 79.5408, 106.2093



41.3219, 42.1701, 63.0887



11.2406, 12.1216, 14.3176



12.9603, 14.9445, 38.1578



0.7339, 0.9016, 1.9903

Previews

White Background



This preview shows how the XYZ color 47.4155, 46.9983, 42.1698 looks on a white background.

Color Contrast Check

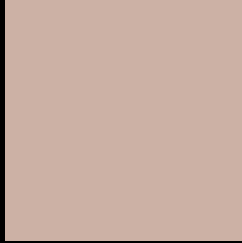
Large Text (above 18pt) WCAG AA × Fail

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 47.4155, 46.9983, 42.1698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

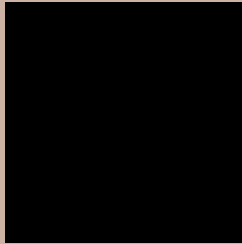
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4155, 46.9983, 42.1698

Background



This preview shows how black text looks on a background with the XYZ color 47.4155, 46.9983, 42.1698.



This preview shows how white text looks on a background with the XYZ color 47.4155, 46.9983,

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

47.4155, 46.9983, 42.1698

Protanopia

44.7821, 47.1019, 43.7771

Deuteranopia

48.0490, 47.0327, 42.1431



Tritanopia

49.8378, 47.1254, 53.4831

Trichromacy



Original Color

47.4155, 46.9983, 42.1698

Protanomaly

45.5444, 46.9019, 43.2117

Deuteranomaly

47.7705, 46.8891, 42.1300

Tritanomaly

48.9203, 47.0364, 49.1484

Monochromacy



Original Color

47.4155, 46.9983, 42.1698

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9455, 47.2984, 48.3029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4155, 46.9983, 42.1698 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(204, 177, 165)` looks like.

```
.text, #text, p{  
    color:rgb(204, 177, 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(204, 177, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 177, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.4155, 46.9983, 42.1698 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(204, 177, 165) }
```


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

```
.border{ border-color:rgb(204, 177, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 177, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 177, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 177, 165);  
box-shadow:4px 4px 4px 4px rgb(204, 177,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4155, 46.9983, 42.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 177, 165) }
```

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

```
.background{ background-color: rgb(204,  
177, 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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