

Converting Colors

XYZ(47.9474, 48.0980, 43.4476)

Have a look what the booklet for
XYZ(47.9474, 48.0980, 43.4476)
contains.

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Color

**XYZ(47.9249, 48.1290,
43.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB4A7
RGB	203, 180, 167
RGB Percent	80%, 71%, 65%
CMY	0.2039, 0.2941, 0.3451
CMYK	0.00, 0.11, 0.18, 0.20
HSL	22°, 26%, 73%
HSV	22°, 18%, 80%
XYZ	47.9249, 48.1290, 43.3231
YIQ	185.3950, 17.8810, 0.8330

Conversions

Conversions Part 2

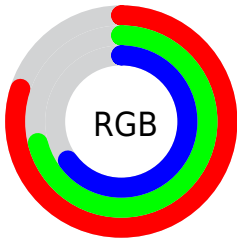
Format	Color
RYB	203, 187, 167
Decimal	13350055
CIELab	74.91, 6.13, 9.63
CIELCh	75, 11.417, 57.542
Yxy	48.1290, 0.3439, 0.3453
Android (android.graphics.Color)	4291540135 (0xFFCBB4A7)
YUV	185.3950, -9.0687, 15.4396
Hunter-Lab	69.3751, 1.9030, 11.5373

Details

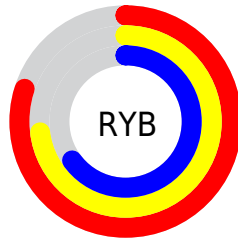
The XYZ color **47.9249, 48.1290, 43.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1290, 49.3531, 63.6479**, and the grayscale version is **46.3771, 48.7923, 53.1348**.

A 20% lighter version of the original color is **84.4203, 86.5248, 81.3588**, and **23.0783, 22.8061, 19.4053** is the 20% darker color. If you saturate the color by 10%, you get **43.6974, 42.4450, 33.3706**, and if you desaturate by 10%, it is **52.6946, 54.4250, 54.9108**.

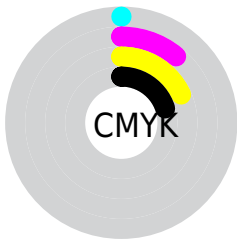
Distribution



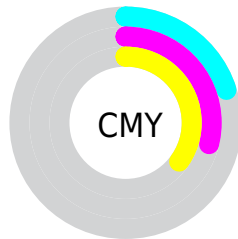
- Red (80%)
- Green (71%)
- Blue (65%)



- Red (80%)
- Yellow (73%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9249, 48.1290, 43.3231 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 47.9249, 48.1290, 43.3231 by changing the saturation by 10% instead.


 47.9249, 48.1290,
43.3231


 47.9249, 48.1290,
43.3231


369.0819,
379.3032, 375.8990

 33.9784, 33.9291,
29.8054


 86.3029, 87.3964,
81.4898

 23.0398, 22.8391,
19.4402


 111.4652,
113.2327, 106.9759

 14.7438, 14.4747,
11.8087


141.0968,
143.7166, 137.2885

 8.7249, 8.4516,
6.4926

175.5631,
179.2324, 172.8463

 4.6179, 4.3852,
3.0733

215.2294,
220.1646, 214.0677

 2.0573, 1.8913,
1.1322

260.4610,

 0.6658, 0.5431,

266.8975, 261.3712

0.0000

311.6234,
319.8156, 315.1755

■ 0.0000, 0.0000,
0.0000

■ 47.9249, 48.1290,
43.3231

■ 47.9249, 48.1290,
43.3231

■ 43.6974, 42.4450,
33.3706

■ 52.6946, 54.4250,
54.9108

■ 39.9878, 37.3477,
24.9759

■ 58.0217, 61.3446,
68.2004

■ 36.7756, 32.8194,
18.0597

■ 63.9260, 68.9071,
83.2583

■ 34.0373, 28.8390,
12.5346

■ 70.4246, 77.1289,
100.1466

■ 31.7474, 25.3839,
8.3038

■ 75.2833, 85.1257,
107.0708

■ 29.8774, 22.4299,
5.2576

■ 78.4388, 91.4366,
108.1226

■ 28.3950, 19.9500,
3.2683

■ 27.2568, 17.9123,
2.1529

■ 27.0329, 17.5048,
1.9540

Harmonies

Analogous

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



49.3831, 48.1290, 47.2853



47.9249, 48.1290, 43.3231



45.9169, 48.1290, 41.7754

Triad

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



47.9249, 48.1290, 43.3231



41.8653, 48.1290, 51.9147



47.6192, 48.1290, 63.2283

Complementary

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



47.9249, 48.1290, 43.3231



45.1290, 49.3531, 63.6479

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.



45.5739, 48.1290, 64.6985



47.9249, 48.1290, 43.3231



42.2905, 48.1290, 57.8800

Square

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



47.9249, 48.1290, 43.3231



42.4534, 48.1290, 46.4955



43.6326, 48.1290, 62.6733



49.2028, 48.1290, 58.7937

Rectangle

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



47.9249, 48.1290, 43.3231



44.5505, 48.1290, 42.2258



43.6326, 48.1290, 62.6733



46.9610, 48.1290, 64.0996

Sweetspot

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



47.9262, 48.1312, 43.3241



90.5212, 94.1190, 97.5972



47.7859, 44.0698, 54.9330



19.2432, 19.9731, 20.5626



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.



47.9262, 48.1312, 43.3241



77.6375, 77.1020, 66.3265



51.7069, 55.6926, 44.5843



11.5385, 11.8660, 11.7616



17.2827, 11.2983, 1.2699



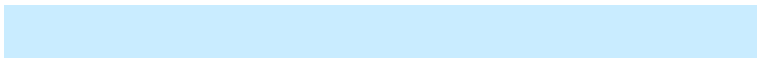
0.9632, 0.7260, 0.0894

Inverse Universe

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



45.1290, 49.3531, 63.6479



72.1553, 79.4935, 106.1485



41.5452, 42.1855, 62.4533



11.1892, 12.0189, 14.3005



12.0015, 13.0270, 37.8382



0.6895, 0.8128, 1.9755

Previews

White Background



This preview shows how the XYZ color 47.9249, 48.1290, 43.3231 looks on a white background.

Color Contrast Check

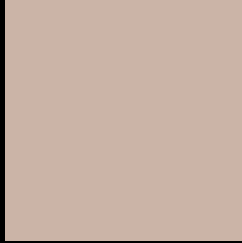
Large Text (above 18pt) WCAG AA × Fail

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 47.9249, 48.1290, 43.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

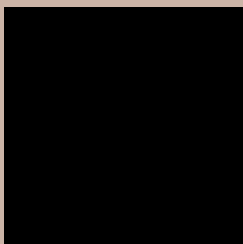
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

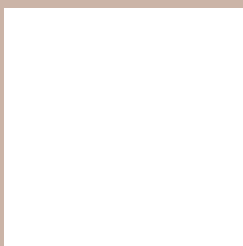
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9249, 48.1290, 43.3231

Background



This preview shows how black text looks on a background with the XYZ color 47.9249, 48.1290, 43.3231.



This preview shows how white text looks on a background with the XYZ color 47.9249, 48.1290,

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

47.9249, 48.1290, 43.3231

Protanopia

45.7878, 48.2219, 44.4306

Deuteranopia

49.1899, 48.1861, 43.2675



Tritanopia

50.4700, 48.2838, 55.3748

Trichromacy



Original Color

47.9249, 48.1290, 43.3231

Protanomaly

46.5070, 48.2962, 43.9167

Deuteranomaly

48.8273, 48.2956, 43.3077

Tritanomaly

49.5407, 48.1973, 50.9479

Monochromacy



Original Color

47.9249, 48.1290, 43.3231

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.7076, 48.2878, 48.9782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9249, 48.1290, 43.3231 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(203, 180, 167)` looks like.

```
.text, #text, p{  
    color:rgb(203, 180, 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(203, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 180, 167) }
```

Border

The CSS property to change the border of an element to XYZ 47.9249, 48.1290, 43.3231 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(203, 180, 167) }
```


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

```
.border{ border-color:rgb(203, 180, 167) }
```

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

Here you see how a box with a 4 pixel rgb(203, 180, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(203, 180,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9249, 48.1290, 43.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 180, 167) }
```

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

```
.background{ background-color: rgb(203,  
180, 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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