

Converting Colors

XYZ(47.1764, 49.1118, 47.2532)

Have a look what the booklet for
XYZ(47.1764, 49.1118, 47.2532)
contains.

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Color

**XYZ(47.2371, 49.2233,
47.0558)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B9AE
RGB	194, 185, 174
RGB Percent	76%, 73%, 68%
CMY	0.2392, 0.2745, 0.3176
CMYK	0.00, 0.05, 0.10, 0.24
HSL	33°, 14%, 72%
HSV	33°, 10%, 76%
XYZ	47.2371, 49.2233, 47.0558
YIQ	186.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

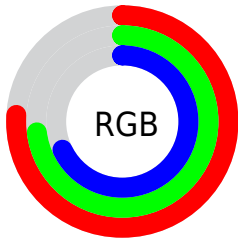
Format	Color
RYB	190, 194, 174
Decimal	12761518
CIELab	75.59, 1.27, 6.70
CIELCh	76, 6.822, 79.299
Yxy	49.2233, 0.3291, 0.3430
Android (android.graphics.Color)	4290951598 (0xFFC2B9AE)
YUV	186.4370, -6.1314, 6.6328
Hunter-Lab	70.1593, -2.5977, 9.3458

Details

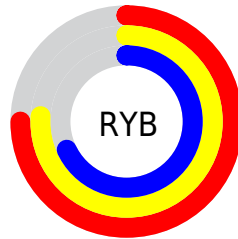
The XYZ color **47.2371, 49.2233, 47.0558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1265, 46.7598, 57.7393**, and the grayscale version is **46.9482, 49.3932, 53.7892**.

A 20% lighter version of the original color is **85.3818, 89.0770, 86.8222**, and **22.5793, 23.4831, 21.7550** is the 20% darker color. If you saturate the color by 10%, you get **43.7113, 44.9826, 37.2138**, and if you desaturate by 10%, it is **51.1509, 53.8017, 58.3761**.

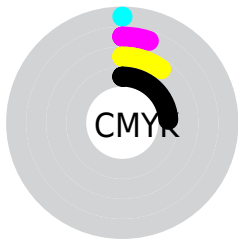
Distribution



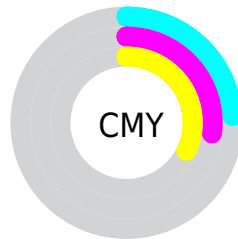
- Red (76%)
- Green (73%)
- Blue (68%)



- Red (75%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2371, 49.2233, 47.0558 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 47.2371, 49.2233, 47.0558 by changing the saturation by 10% instead.

■ 47.2371, 49.2233,
47.0558

■ 47.2371, 49.2233,
47.0558

366.3933,
383.6207, 391.4374

■ 33.4319, 34.7966,
32.7251

■ 85.2840, 89.0230,
87.1478

■ 22.6183, 23.5063,
21.6466

110.2564,
115.1649, 113.7461

■ 14.4311, 14.9678,
13.4016

139.6819,
145.9806, 145.2708

■ 8.5048, 8.7968,
7.5717

173.9259,
181.8545, 182.1403

■ 4.4741, 4.6089,
3.7383

213.3536,
223.1711, 224.7731

■ 1.9737, 2.0197,
1.4829

258.3305,

■ 0.6191, 0.6189,

270.3148, 273.5879

0.2051

309.2220,
323.6698, 329.0032

■ 0.0000, 0.0000,
0.0000

■ 47.2371, 49.2233,
47.0558

■ 47.2371, 49.2233,
47.0558

■ 43.7113, 44.9826,
37.2138

■ 51.1509, 53.8017,
58.3761

■ 40.5558, 41.0646,
28.7848

■ 55.4615, 58.7196,
71.2297

■ 37.7574, 37.4622,
21.7033

■ 60.1825, 63.9871,
85.6730

■ 35.3004, 34.1658,
15.8975

■ 65.3256, 69.6118,
101.7583

■ 33.1679, 31.1653,
11.2887

■ 68.2172, 74.5272,
105.3975

■ 31.3412, 28.4494,
7.7894

■ 70.6878, 79.4683,
106.2210

■ 29.7991, 26.0060,
5.2998

■ 73.2813, 84.6554,
107.0855

■ 28.5171, 23.8216,
3.7022

■ 75.9996, 90.0919,
107.9916

■ 27.4787, 21.9301,
2.7847

■ 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



48.3849, 49.2233, 48.5001



47.2371, 49.2233, 47.0558



45.9882, 49.2233, 47.3034

Triad

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



47.2371, 49.2233, 47.0558



44.5332, 49.2233, 55.9245



48.6483, 49.2233, 58.2545

Complementary

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



47.2371, 49.2233, 47.0558



44.1265, 46.7598, 57.7393

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.



47.5915, 49.2233, 60.4229



47.2371, 49.2233, 47.0558



45.2213, 49.2233, 59.0364

Square

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



47.2371, 49.2233, 47.0558



44.4422, 49.2233, 52.3163



46.3363, 49.2233, 60.7153



49.2093, 49.2233, 54.8960

Rectangle

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



47.2371, 49.2233, 47.0558



45.2658, 49.2233, 48.3980



46.3363, 49.2233, 60.7153



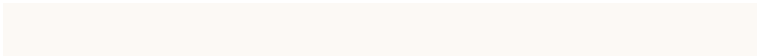
48.3384, 49.2233, 59.1531

Sweetspot

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



47.2385, 49.2255, 47.0569



90.6597, 95.1428, 99.8735



45.9320, 45.1610, 51.0964



19.7245, 20.6850, 21.4956



0.0000, 0.0000, 0.0000



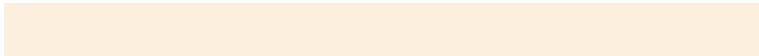
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2385, 49.2255, 47.0569



84.3286, 87.6915, 81.6985



48.9246, 52.9776, 47.6922



10.5222, 10.9759, 10.6258



18.1492, 14.5841, 1.8584



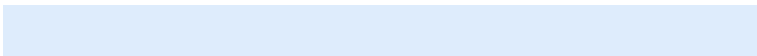
0.8522, 0.7662, 0.1030

Inverse Universe

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



44.1265, 46.7598, 57.7393



77.7470, 82.4768, 104.2917



42.5535, 43.2819, 57.1508



9.8930, 10.4773, 12.7857



8.7365, 7.2296, 34.4916



0.4462, 0.4498, 1.5132

Previews

White Background



This preview shows how the XYZ color 47.2371, 49.2233, 47.0558 looks on a white background.

Color Contrast Check

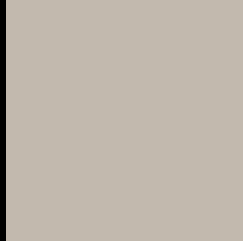
Large Text (above 18pt) WCAG AA × Fail

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 47.2371, 49.2233, 47.0558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

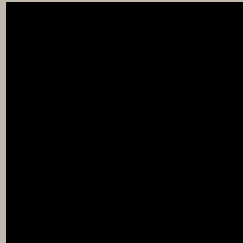
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2371, 49.2233, 47.0558

Background



This preview shows how black text looks on a background with the XYZ color 47.2371, 49.2233, 47.0558.

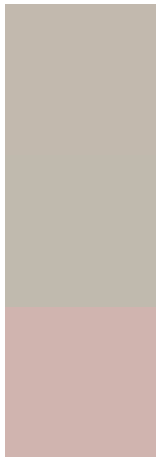


This preview shows how white text looks on a background with the XYZ color 47.2371, 49.2233,

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

47.2371, 49.2233, 47.0558

Protanopia

46.9371, 49.3803, 47.1019

Deuteranopia

50.0715, 49.1476, 47.4048



Tritanopia

49.7177, 49.3117, 59.1223

Trichromacy



Original Color

47.2371, 49.2233, 47.0558

Protanomaly

47.1912, 49.5113, 47.1138

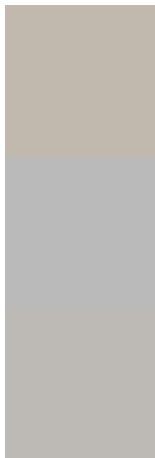
Deuteranomaly

49.0944, 49.2476, 47.4756

Tritanomaly

48.7755, 49.2336, 54.5092

Monochromacy



Original Color

47.2371, 49.2233, 47.0558

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.9887, 49.3140, 51.2980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2371, 49.2233, 47.0558 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(194, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 174)  
}
```

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(194, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.2371, 49.2233, 47.0558 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(194, 185, 174) }
```


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

```
.border{ border-color:rgb(194, 185, 174) }
```

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

Here you see how a box with a 4 pixel rgb(194, 185, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2371, 49.2233, 47.0558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 174) }
```

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

```
.background{ background-color: rgb(194,  
185, 174) }
```

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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