

Converting Colors

XYZ(47.5026, 49.2968, 47.8111)

Have a look what the booklet for
XYZ(47.5026, 49.2968, 47.8111)
contains.

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Color

**XYZ(47.5925, 49.3952,
47.5833)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B9AF
RGB	195, 185, 175
RGB Percent	76%, 73%, 69%
CMY	0.2353, 0.2745, 0.3137
CMYK	0.00, 0.05, 0.10, 0.24
HSL	30°, 14%, 73%
HSV	30°, 10%, 76%
XYZ	47.5925, 49.3952, 47.5833
YIQ	186.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

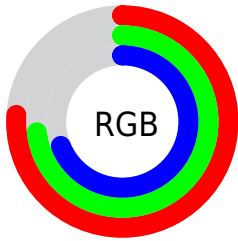
Format	Color
RYB	195, 195, 175
Decimal	12827055
CIELab	75.70, 1.80, 6.32
CIELCh	76, 6.575, 74.125
Yxy	49.3952, 0.3292, 0.3417
Android (android.graphics.Color)	4291017135 (0xFFC3B9AF)
YUV	186.8500, -5.8420, 7.1476
Hunter-Lab	70.2817, -2.1186, 9.0557

Details

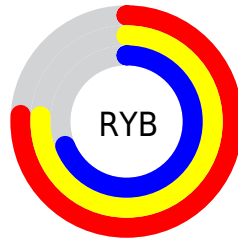
The XYZ color **47.5925, 49.3952, 47.5833** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8783, 47.7511, 58.4817**, and the grayscale version is **47.1789, 49.6359, 54.0535**.

A 20% lighter version of the original color is **86.0240, 89.3756, 88.3186**, and **22.8109, 23.5953, 22.0910** is the 20% darker color. If you saturate the color by 10%, you get **43.8448, 44.7463, 37.5576**, and if you desaturate by 10%, it is **51.7593, 54.4386, 59.1144**.

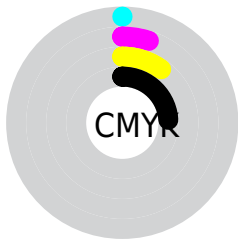
Distribution



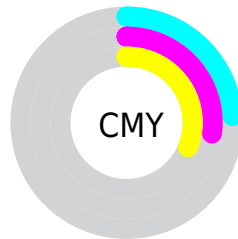
- Red (76%)
- Green (73%)
- Blue (69%)



- Red (76%)
- Yellow (76%)
- Blue (69%)



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



- Cyan (24%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5925, 49.3952, 47.5833 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 47.5925, 49.3952, 47.5833 by changing the saturation by 10% instead.

■ 47.5925, 49.3952,
47.5833

■ 47.5925, 49.3952,
47.5833

367.7841,
384.2961, 393.5990

■ 33.7142, 34.9331,
33.1394

■ 85.8107, 89.2781,
87.9427

■ 22.8360, 23.6113,
21.9612

110.8814,
115.4677, 114.6953

■ 14.5925, 15.0456,
13.6304

140.4135,
146.3353, 146.3879

■ 8.6183, 8.8514,
7.7282

174.7725,
182.2652, 183.4389

■ 4.5482, 4.6444,
3.8363

214.3237,
223.6418, 226.2670

■ 2.0167, 2.0401,
1.5360

259.4325,

■ 0.6433, 0.6306,

270.8496, 275.2907

0.2445

310.4642,
324.2729, 330.9285

■ 0.0000, 0.0000,
0.0000

■ 47.5925, 49.3952,
47.5833

■ 47.5925, 49.3952,
47.5833

■ 43.8448, 44.7463,
37.5576

■ 51.7593, 54.4386,
59.1144

■ 40.4976, 40.4752,
28.9711

■ 56.3550, 59.8800,
72.2072

■ 37.5367, 36.5733,
21.7572

■ 61.3940, 65.7308,
86.9186

■ 34.9455, 33.0291,
15.8430

■ 66.8888, 72.0002,
103.3020

■ 32.7059, 29.8305,
11.1484

■ 69.9038, 77.5180,
105.8859

■ 30.7980, 26.9645,
7.5846

■ 72.7512, 83.2128,
106.8350

■ 29.1996, 24.4169,
5.0503

■ 75.7536, 89.2176,
107.8358

■ 27.8847, 22.1717,
3.4260

■ 76.3159, 90.3422,
108.0233

■ 26.8304, 20.2512,
2.4948

Harmonies

Analogous

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



48.6507, 49.3952, 49.2450



47.5925, 49.3952, 47.5833



46.3792, 49.3952, 47.5344

Triad

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



47.5925, 49.3952, 47.5833



44.7129, 49.3952, 55.4372



48.5989, 49.3952, 58.7451

Complementary

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



47.5925, 49.3952, 47.5833



44.8783, 47.7511, 58.4817

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.



47.5228, 49.3952, 60.5564



47.5925, 49.3952, 47.5833



45.2868, 49.3952, 58.5915

Square

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



47.5925, 49.3952, 47.5833



44.7308, 49.3952, 51.9682



46.3106, 49.3952, 60.4990



49.2386, 49.3952, 55.6395

Rectangle

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



47.5925, 49.3952, 47.5833



45.6464, 49.3952, 48.4171



46.3106, 49.3952, 60.4990



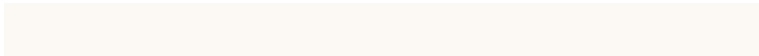
48.2754, 49.3952, 59.5314

Sweetspot

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



47.5939, 49.3974, 47.5844



90.5428, 94.9089, 99.8345



46.5932, 45.7655, 52.2775



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



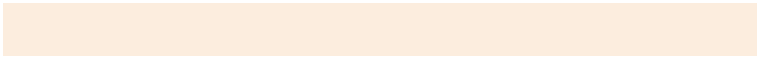
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5939, 49.3974, 47.5844



83.8875, 86.8092, 81.5514



49.7592, 53.7280, 48.3061



10.4801, 10.8916, 10.6118



17.5223, 13.3303, 1.6495



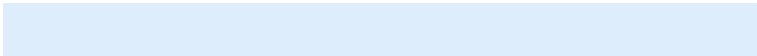
0.8260, 0.7138, 0.0943

Inverse Universe

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



44.8783, 47.7511, 58.4817



78.1844, 83.3517, 104.4375



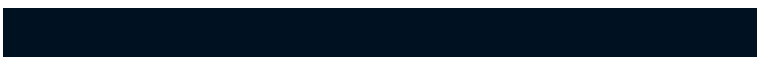
42.8602, 43.7148, 57.8090



9.9349, 10.5611, 12.7997



9.2925, 8.3414, 34.6769



0.4704, 0.4983, 1.5213

Previews

White Background



This preview shows how the XYZ color 47.5925, 49.3952, 47.5833 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 47.5925, 49.3952, 47.5833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

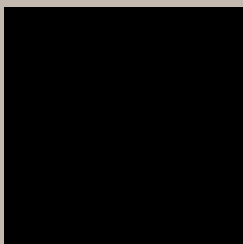
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

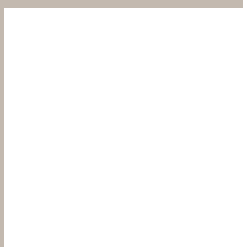
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5925, 49.3952, 47.5833

Background



This preview shows how black text looks on a background with the XYZ color 47.5925, 49.3952, 47.5833.

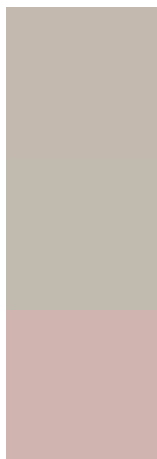


This preview shows how white text looks on a background with the XYZ color 47.5925, 49.3952,

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

47.5925, 49.3952, 47.5833

Protanopia

47.0350, 49.4194, 47.6173

Deuteranopia

50.1702, 49.1870, 47.9241



Tritanopia

49.9805, 49.4472, 59.1346

Trichromacy



Original Color

47.5925, 49.3952, 47.5833

Protanomaly

47.2891, 49.5504, 47.6292

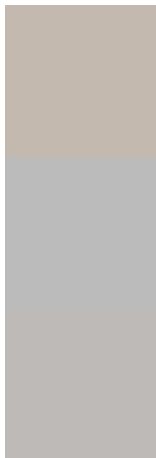
Deuteranomaly

49.1930, 49.2870, 47.9949

Tritanomaly

49.0365, 49.3681, 54.5215

Monochromacy



Original Color

47.5925, 49.3952, 47.5833

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3414, 49.4839, 51.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5925, 49.3952, 47.5833 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(195, 185, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 175)  
}
```

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(195, 185, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 175) }
```

Border

The CSS property to change the border of an element to XYZ 47.5925, 49.3952, 47.5833 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(195, 185, 175) }
```


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

```
.border{ border-color:rgb(195, 185, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5925, 49.3952, 47.5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 175) }
```

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

```
.background{ background-color: rgb(195,  
185, 175) }
```

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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