

Converting Colors

XYZ(49.4832, 48.5904, 45.2989)

Have a look what the booklet for
XYZ(49.4832, 48.5904, 45.2989)
contains.

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Color

**XYZ(49.4832, 48.5904,
45.2989)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B3AB
RGB	208, 179, 171
RGB Percent	82%, 70%, 67%
CMY	0.1843, 0.2980, 0.3294
CMYK	0.00, 0.14, 0.18, 0.18
HSL	13°, 28%, 74%
HSV	13°, 18%, 82%
XYZ	49.4832, 48.5904, 45.2989
YIQ	186.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

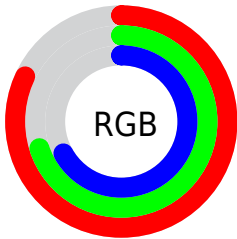
Format	Color
RYB	208, 181, 171
Decimal	13677483
CIELab	75.20, 9.15, 7.93
CIElCh	75, 12.105, 40.924
Yxy	48.5904, 0.3451, 0.3389
Android (android.graphics.Color)	4291867563 (0xFFD0B3AB)
YUV	186.7590, -7.7692, 18.6284
Hunter-Lab	69.7068, 4.7260, 10.2652

Details

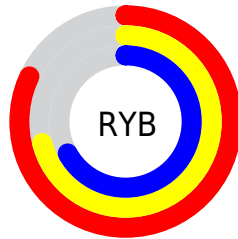
The XYZ color **49.4832, 48.5904, 45.2989** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8336, 54.5191, 67.6243**, and the grayscale version is **47.1339, 49.5886, 54.0020**.

A 20% lighter version of the original color is **84.6758, 86.1676, 84.1206**, and **23.9275, 23.0259, 20.6361** is the 20% darker color. If you saturate the color by 10%, you get **44.5786, 41.7081, 34.6401**, and if you desaturate by 10%, it is **55.0887, 56.3743, 57.7317**.

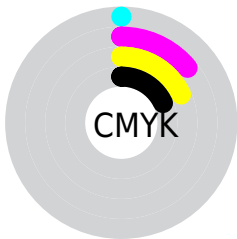
Distribution



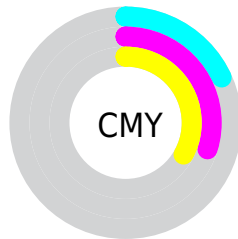
- Red (82%)
- Green (70%)
- Blue (67%)



- Red (82%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4832, 48.5904, 45.2989 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 49.4832, 48.5904, 45.2989 by changing the saturation by 10% instead.


 49.4832, 48.5904,
45.2989

 49.4832, 48.5904,
45.2989


375.1270,
381.1276, 384.1781

 35.2191, 34.2947,
31.3483


 88.6051, 88.0828,
84.4920

 23.9990, 23.1201,
20.6035


114.1936,
114.0483, 110.5715

 15.4576, 14.6822,
12.6461


144.2875,
144.6724, 141.5310

 9.2296, 8.5966,
7.0574

179.2523,
180.3397, 177.7891

 4.9495, 4.4790,
3.4191

219.4533,
221.4344, 219.7643

 2.2521, 1.9450,
1.3124

265.2558,

 0.7700, 0.5752,

268.3411, 267.8752

0.0719

317.0253,
321.4440, 322.5403

■ 0.0000, 0.0000,
0.0000

■ 49.4832, 48.5904,
45.2989

■ 49.4832, 48.5904,
45.2989

■ 44.5786, 41.7081,
34.6401

■ 55.0887, 56.3743,
57.7317

■ 40.3431, 35.6883,
25.6712

■ 61.4174, 65.0841,
72.0113

■ 36.7479, 30.4984,
18.3056

■ 68.4957, 74.7515,
88.2102

■ 33.7610, 26.1016,
12.4481

■ 76.3473, 85.4047,
106.3960

■ 31.3470, 22.4579,
7.9930

■ 79.8226, 92.1500,
108.1874

■ 29.4672, 19.5238,
4.8210

■ 28.0771, 17.2513,
2.7925

■ 27.1195, 15.5835,
1.7107

■ 26.9508, 15.2864,
1.5301

Harmonies

Analogous

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



50.5011, 48.5904, 50.6245



49.4832, 48.5904, 45.2989



47.5923, 48.5904, 42.1779

Triad

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



49.4832, 48.5904, 45.2989



42.2675, 48.5904, 49.0127



46.9971, 48.5904, 65.8349

Complementary

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



49.4832, 48.5904, 45.2989



48.8336, 54.5191, 67.6243

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.



44.8032, 48.5904, 65.3161



49.4832, 48.5904, 45.2989



42.1196, 48.5904, 55.2564

Square

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



49.4832, 48.5904, 45.2989



43.4447, 48.5904, 44.2004



43.0343, 48.5904, 61.3219



49.0355, 48.5904, 62.6872

Rectangle

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



49.4832, 48.5904, 45.2989



46.1149, 48.5904, 41.6049



43.0343, 48.5904, 61.3219



46.2526, 48.5904, 66.0896

Sweetspot

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



49.4845, 48.5926, 45.2999



89.9595, 92.9956, 97.4100



51.0714, 46.7346, 61.3413



19.1070, 19.7007, 20.5172



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.



49.4845, 48.5926, 45.2999



75.6385, 73.1040, 65.6602



53.3071, 56.2377, 46.5741



12.0131, 12.2169, 12.3370



16.8557, 9.6444, 0.9732



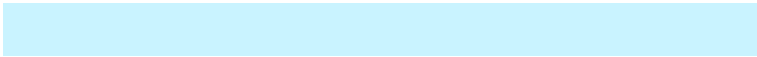
1.0023, 0.6589, 0.0744

Inverse Universe

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



48.8336, 54.5191, 67.6243



74.4337, 84.0503, 106.9080



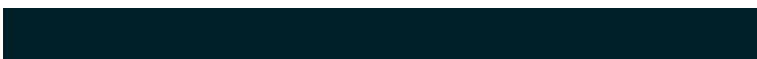
44.9288, 46.7095, 66.3227



11.9323, 12.9549, 15.1153



15.3325, 19.3117, 40.1119



0.9126, 1.1903, 2.2612

Previews

White Background



This preview shows how the XYZ color 49.4832, 48.5904, 45.2989 looks on a white background.

Color Contrast Check

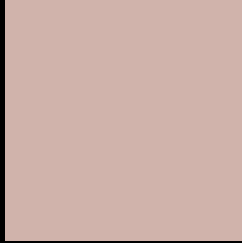
Large Text (above 18pt) WCAG AA × Fail

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 49.4832, 48.5904, 45.2989 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 49.4832, 48.5904, 45.2989

Background



This preview shows how black text looks on a background with the XYZ color 49.4832, 48.5904, 45.2989.



This preview shows how white text looks on a background with the XYZ color 49.4832, 48.5904,

45.2989.

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

49.4832, 48.5904, 45.2989

Protanopia

46.4748, 48.8303, 47.0201

Deuteranopia

49.4832, 48.5904, 45.2989



Tritanopia

51.3979, 48.4700, 55.3619

Trichromacy



Original Color

49.4832, 48.5904, 45.2989

Protanomaly

47.5023, 48.7544, 46.4421

Deuteranomaly

49.4832, 48.5904, 45.2989

Tritanomaly

50.5639, 48.4185, 51.4804

Monochromacy



Original Color

49.4832, 48.5904, 45.2989

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.9867, 49.2193, 50.6872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4832, 48.5904, 45.2989 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(208, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 171)  
}
```

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(208, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 171) }
```

Border

The CSS property to change the border of an element to XYZ 49.4832, 48.5904, 45.2989 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(208, 179, 171) }
```


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

```
.border{ border-color:rgb(208, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4832, 48.5904, 45.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 171) }
```

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

```
.background{ background-color: rgb(208,  
179, 171) }
```

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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