

Converting Colors

XYZ(52.5854, 49.2084, 45.9877)

Have a look what the booklet for
XYZ(52.5854, 49.2084, 45.9877)
contains.

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Color

**XYZ(52.4869, 49.2449,
45.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB0AC
RGB	220, 176, 172
RGB Percent	86%, 69%, 67%
CMY	0.1373, 0.3098, 0.3255
CMYK	0.00, 0.20, 0.22, 0.14
HSL	5°, 41%, 77%
HSV	5°, 22%, 86%
XYZ	52.4869, 49.2449, 45.7686
YIQ	188.7000, 27.5080, 8.0840

Conversions

Conversions Part 2

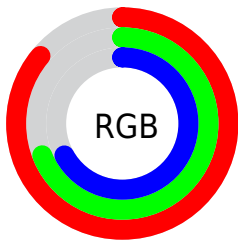
Format	Color
RYB	220, 176, 172
Decimal	14463148
CIELab	75.60, 15.37, 8.12
CIELCh	76, 17.381, 27.844
Yxy	49.2449, 0.3558, 0.3339
Android (android.graphics.Color)	4292653228 (0xFFDCB0AC)
YUV	188.7000, -8.2331, 27.4501
Hunter-Lab	70.1747, 10.7026, 10.4528

Details

The XYZ color **52.4869, 49.2449, 45.7686** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4867, 63.0478, 77.0080**, and the grayscale version is **48.2341, 50.7460, 55.2624**.

A 20% lighter version of the original color is **83.9617, 84.5193, 84.5616**, and **25.7830, 23.4145, 20.9298** is the 20% darker color. If you saturate the color by 10%, you get **46.8822, 41.1413, 34.3248**, and if you desaturate by 10%, it is **59.0314, 58.6675, 59.2524**.

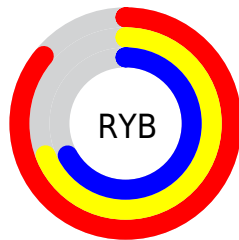
Distribution



Red (86%)

Green (69%)

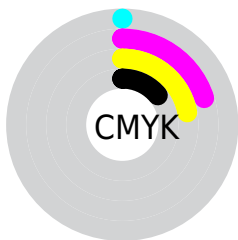
Blue (67%)



Red (86%)

Yellow (69%)

Blue (67%)

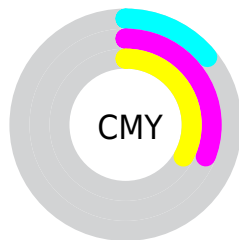


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (14%)



Cyan (14%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4869, 49.2449, 45.7686 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 52.4869, 49.2449, 45.7686 by changing the saturation by 10% instead.


 52.4869, 49.2449,
45.7686

 52.4869, 49.2449,
45.7686


386.6066,
383.7056, 386.1281

 37.6192, 34.8138,
31.7159

 93.0189, 89.0551,
85.2032

 25.8631, 23.5195,
20.8816


119.4139,
115.2029, 111.4222

 16.8534, 14.9775,
12.8471


150.3820,
146.0252, 142.5337

 10.2247, 8.8036,
7.1938

186.2885,
181.9061, 178.9563

 5.6116, 4.6133,
3.5033

227.4989,
223.2303, 221.1085

 2.6488, 2.0222,
1.3570

274.3785,

 0.9709, 0.6203,

270.3820, 269.4088

0.1079

327.2926,
323.7456, 324.2759

■ 0.0000, 0.0000,
0.0000

■ 52.4869, 49.2449,
45.7686

■ 52.4869, 49.2449,
45.7686

■ 46.8822, 41.1413,
34.3248

■ 59.0314, 58.6675,
59.2524

■ 42.1703, 34.2915,
24.8188

■ 66.5519, 69.4572,
74.8656

■ 38.3061, 28.6348,
17.1441

■ 75.0876, 81.6679,
92.6959

■ 35.2391, 24.1028,
11.1828

■ 83.3253, 93.9557,
108.3513

■ 32.9133, 20.6204,
6.8030

■ 31.2653, 18.1029,
3.8539

■ 30.2212, 16.4528,
2.1552

■ 29.7374, 15.6598,
1.4553

Harmonies

Analogous

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



53.2584, 49.2449, 54.2879



52.4869, 49.2449, 45.7686



50.1733, 49.2449, 39.9851

Triad

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



52.4869, 49.2449, 45.7686



41.7653, 49.2449, 44.7387



46.5737, 49.2449, 73.3263

Complementary

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



52.4869, 49.2449, 45.7686



54.4867, 63.0478, 77.0080

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.



43.5925, 49.2449, 70.0463



52.4869, 49.2449, 45.7686



40.8966, 49.2449, 52.9562

Square

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



52.4869, 49.2449, 45.7686



43.9776, 49.2449, 39.4401



41.5502, 49.2449, 62.3201



49.7527, 49.2449, 70.8450

Rectangle

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



52.4869, 49.2449, 45.7686



48.1195, 49.2449, 38.1086



41.5502, 49.2449, 62.3201



45.5163, 49.2449, 72.8537

Sweetspot

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



52.4882, 49.2472, 45.7696



87.3089, 88.9051, 92.7944



56.6628, 49.6791, 71.5686



18.5518, 18.8344, 19.5799



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.



52.4882, 49.2472, 45.7696



69.7360, 63.6076, 56.5756



57.6163, 59.5032, 47.4790



13.1429, 13.2252, 13.5856



17.4855, 9.2567, 0.8651



1.1638, 0.6616, 0.0664

Inverse Universe

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



54.4867, 63.0478, 77.0080



72.9828, 86.0422, 107.3689



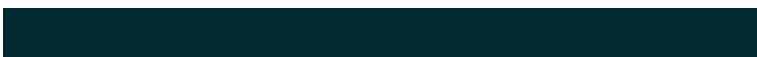
48.7817, 51.6378, 75.1064



13.3471, 14.6340, 16.7733



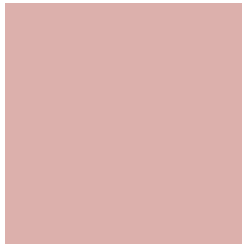
19.9685, 27.8063, 44.0531



1.3217, 1.8574, 2.8633

Previews

White Background



This preview shows how the XYZ color 52.4869, 49.2449, 45.7686 looks on a white background.

Color Contrast Check

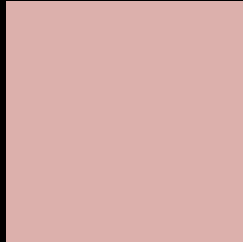
Large Text (above 18pt) WCAG AA × Fail

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 52.4869, 49.2449, 45.7686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

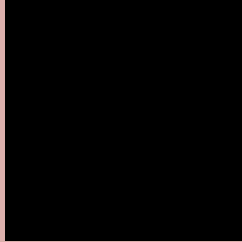
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4869, 49.2449, 45.7686

Background



This preview shows how black text looks on a background with the XYZ color 52.4869, 49.2449, 45.7686.



This preview shows how white text looks on a background with the XYZ color 52.4869, 49.2449,

45.7686.

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

52.4869, 49.2449, 45.7686

Protanopia

47.2329, 49.4986, 48.6597

Deuteranopia

50.2503, 49.2844, 45.3924



Tritanopia

54.2299, 49.3896, 53.6886

Trichromacy



Original Color

52.4869, 49.2449, 45.7686

Protanomaly

48.8229, 49.1076, 47.4629

Deuteranomaly

51.2023, 49.4766, 45.3794

Tritanomaly

53.5923, 49.4095, 50.9683

Monochromacy



Original Color

52.4869, 49.2449, 45.7686

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5072, 49.9792, 51.8374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4869, 49.2449, 45.7686 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(220, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(220, 176, 172)  
}
```

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(220, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 176, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.4869, 49.2449, 45.7686 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(220, 176, 172) }
```


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

```
.border{ border-color:rgb(220, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(220, 176,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4869, 49.2449, 45.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 176, 172) }
```

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

```
.background{ background-color: rgb(220,  
176, 172) }
```

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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