

Converting Colors

XYZ(52.0829, 49.9004, 45.6174)

Have a look what the booklet for
XYZ(52.0829, 49.9004, 45.6174)
contains.

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Color

**XYZ(52.0861, 49.9322,
45.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B3AB
RGB	217, 179, 171
RGB Percent	85%, 70%, 67%
CMY	0.1490, 0.2980, 0.3294
CMYK	0.00, 0.18, 0.21, 0.15
HSL	10°, 38%, 76%
HSV	10°, 21%, 85%
XYZ	52.0861, 49.9322, 45.4207
YIQ	189.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

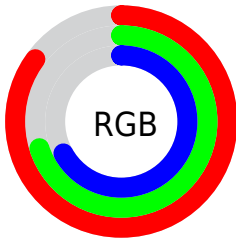
Format	Color
R _Y B	217, 181, 171
Decimal	14267307
CIE Lab	76.03, 12.49, 9.23
CIE LCh	76, 15.533, 36.457
Yxy	49.9322, 0.3533, 0.3387
Android (android.graphics.Color)	4292457387 (0xFFD9B3AB)
YUV	189.4500, -9.0958, 24.1614
Hunter-Lab	70.6627, 7.9141, 11.3534

Details

The XYZ color **52.0861, 49.9322, 45.4207** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1190, 59.2672, 74.3389**, and the grayscale version is **48.6690, 51.2036, 55.7607**.

A 20% lighter version of the original color is **84.6758, 86.1676, 84.1206**, and **25.6909, 23.9350, 20.7186** is the 20% darker color. If you saturate the color by 10%, you get **46.8234, 42.4495, 34.2857**, and if you desaturate by 10%, it is **58.1581, 58.4893, 58.5019**.

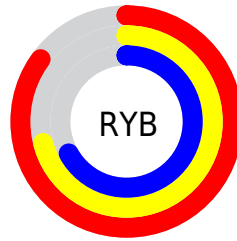
Distribution



Red (85%)

Green (70%)

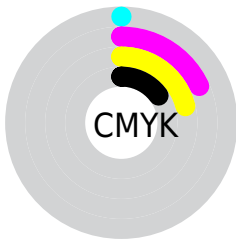
Blue (67%)



Red (85%)

Yellow (71%)

Blue (67%)

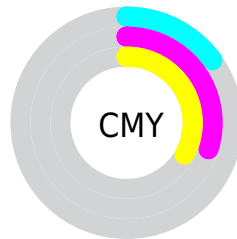


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0861, 49.9322, 45.4207 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 52.0861, 49.9322, 45.4207 by changing the saturation by 10% instead.


 52.0861, 49.9322,
45.4207

 52.0861, 49.9322,
45.4207


385.0874,
386.4007, 384.6844

 37.2983, 35.3595,
31.4436

 92.4317, 90.0744,
84.6765

 25.6132, 23.9400,
20.6756


118.7201,
116.4127, 110.7922

 16.6657, 15.2891,
12.6981


149.5728,
147.4418, 141.7912

 10.0902, 9.0225,
7.0927

185.3551,
183.5458, 178.0921

 5.5216, 4.7559,
3.4408

226.4324,
225.1094, 220.1133

 2.5943, 2.1047,
1.3239

273.1699,

 0.9430, 0.6673,

272.5168, 268.2734

0.0813

325.9332,
326.1524, 322.9909

■ 0.0000, 0.0000,
0.0000

■ 52.0861, 49.9322,
45.4207

■ 52.0861, 49.9322,
45.4207

■ 46.8234, 42.4495,
34.2857

■ 58.1581, 58.4893,
58.5019

■ 42.3316, 35.9919,
25.0007

■ 65.0676, 68.1538,
73.6130

■ 38.5750, 30.5166,
17.4659

■ 72.8466, 78.9660,
90.8368

■ 35.5135, 25.9749,
11.5707

■ 81.0697, 90.7802,
107.8572

■ 33.1032, 22.3140,
7.1921

■ 82.4255, 93.4918,
108.3092

■ 31.2949, 19.4758,
4.1894

■ 30.0316, 17.3945,
2.3953

■ 29.3009, 16.1227,
1.5677

Harmonies

Analogous

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



53.2175, 49.9322, 52.5917



52.0861, 49.9322, 45.4207



49.7211, 49.9322, 41.0037

Triad

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



52.0861, 49.9322, 45.4207



42.5290, 49.9322, 48.2358



48.0888, 49.9322, 71.8274

Complementary

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



52.0861, 49.9322, 45.4207



52.1190, 59.2672, 74.3389

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.



45.2667, 49.9322, 70.3592



52.0861, 49.9322, 45.4207



42.1318, 49.9322, 56.1832

Square

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



52.0861, 49.9322, 45.4207



44.2225, 49.9322, 42.5096



43.1145, 49.9322, 64.4186



50.8498, 49.9322, 68.2482

Rectangle

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



52.0861, 49.9322, 45.4207



47.8044, 49.9322, 39.9371



43.1145, 49.9322, 64.4186



47.1153, 49.9322, 71.9127

Sweetspot

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



52.0875, 49.9345, 45.4217



88.7837, 91.2536, 95.1389



54.7287, 48.4981, 67.0153



18.8632, 19.3360, 20.0573



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.



52.0875, 49.9345, 45.4217



71.8725, 67.4347, 58.6627



57.0089, 59.7774, 47.0622



13.2383, 13.4159, 13.6174



17.7908, 9.8672, 0.9669



1.2089, 0.7519, 0.0814

Inverse Universe

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



52.1190, 59.2672, 74.3389



71.9216, 82.9744, 106.8327



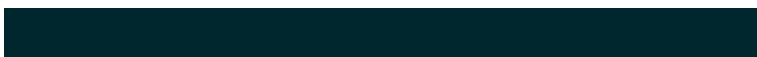
46.9488, 48.9268, 72.6155



13.2421, 14.4239, 16.7383



17.4383, 22.7461, 43.2097



1.1815, 1.5772, 2.8166

Previews

White Background



This preview shows how the XYZ color 52.0861, 49.9322, 45.4207 looks on a white background.

Color Contrast Check

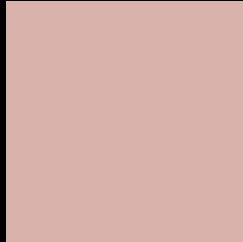
Large Text (above 18pt) WCAG AA × Fail

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 52.0861, 49.9322, 45.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

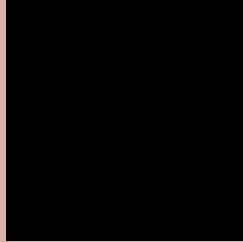
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0861, 49.9322, 45.4207

Background



This preview shows how black text looks on a background with the XYZ color 52.0861, 49.9322, 45.4207.



This preview shows how white text looks on a background with the XYZ color 52.0861, 49.9322,

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

52.0861, 49.9322, 45.4207

Protanopia

47.7563, 50.1051, 47.7117

Deuteranopia

51.0259, 49.9851, 45.4868



Tritanopia

54.0330, 49.8284, 55.4852

Trichromacy



Original Color

52.0861, 49.9322, 45.4207

Protanomaly

49.1376, 49.8935, 47.0850

Deuteranomaly

51.4035, 49.8789, 45.4464

Tritanomaly

53.1828, 49.7686, 51.6030

Monochromacy



Original Color

52.0861, 49.9322, 45.4207

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.3456, 50.2174, 51.3481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0861, 49.9322, 45.4207 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(217, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 179, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.0861, 49.9322, 45.4207 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(217, 179, 171) }
```


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

```
.border{ border-color:rgb(217, 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(217, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 179,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0861, 49.9322, 45.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 179, 171) }
```

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

```
.background{ background-color: rgb(217,  
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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