

Converting Colors

XYZ(49.5320, 47.9745, 43.9181)

Have a look what the booklet for
XYZ(49.5320, 47.9745, 43.9181)
contains.

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Color

**XYZ(49.6540, 48.1203,
43.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B1A8
RGB	211, 177, 168
RGB Percent	83%, 69%, 66%
CMY	0.1725, 0.3059, 0.3412
CMYK	0.00, 0.16, 0.20, 0.17
HSL	13°, 33%, 74%
HSV	13°, 20%, 83%
XYZ	49.6540, 48.1203, 43.7169
YIQ	186.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

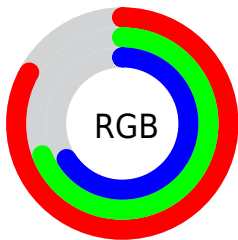
Format	Color
RYB	211, 179, 168
Decimal	13873576
CIELab	74.90, 10.88, 9.18
CIElCh	75, 14.236, 40.154
Yxy	48.1203, 0.3509, 0.3401
Android (android.graphics.Color)	4292063656 (0xFFD3B1A8)
YUV	186.1400, -8.9430, 21.8022
Hunter-Lab	69.3688, 6.3744, 11.1930

Details

The XYZ color **49.6540, 48.1203, 43.7169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0265, 55.2677, 69.7122**, and the grayscale version is **46.7911, 49.2279, 53.6092**.

A 20% lighter version of the original color is **83.6982, 84.8655, 81.7814**, and **24.0703, 22.7442, 19.6444** is the 20% darker color. If you saturate the color by 10%, you get **44.7498, 41.2063, 33.1582**, and if you desaturate by 10%, it is **55.2827, 55.9719, 56.0918**.

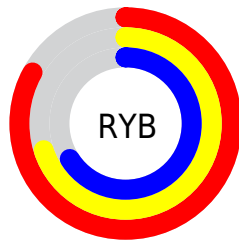
Distribution



Red (83%)

Green (69%)

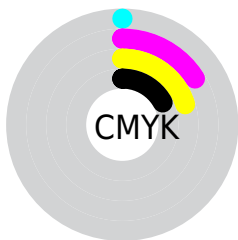
Blue (66%)



Red (83%)

Yellow (70%)

Blue (66%)

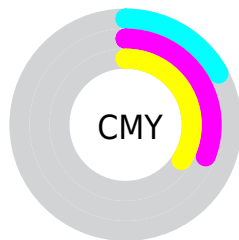


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (17%)



Cyan (17%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6540, 48.1203, 43.7169 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 49.6540, 48.1203, 43.7169 by changing the saturation by 10% instead.


 49.6540, 48.1203,
43.7169


 49.6540, 48.1203,
43.7169


375.7857,
379.2688, 377.5593

 35.3552, 33.9222,
30.1124

 88.8569, 87.3835,
82.0895

 24.1044, 22.8338,
19.6712


 114.4918,
113.2173, 107.6947

 15.5363, 14.4708,
11.9746


144.6360,
143.6985, 138.1373

 9.2854, 8.4489,
6.6040

179.6550,
179.2115, 173.8358

 4.9864, 4.3835,
3.1411

219.9141,
220.1406, 215.2087

 2.2739, 1.8903,
1.1671

265.7787,

 0.7813, 0.5425,

266.8703, 262.6745

0.0000

317.6141,
319.7848, 316.6519

0.0000, 0.0000,
0.0000

49.6540, 48.1203,
43.7169

49.6540, 48.1203,
43.7169

44.7498, 41.2063,
33.1582

55.2827, 55.9719,
56.0918

40.5363, 35.1883,
24.3270

61.6599, 64.7877,
70.3599

36.9828, 30.0311,
17.1316

68.8135, 74.6014,
86.5974

34.0547, 25.6947,
11.4705

76.7688, 85.4432,
104.8755

31.7143, 22.1360,
7.2310

80.6741, 92.5890,
108.2272

■ 29.9193, 19.3076,
4.2845

■ 28.6212, 17.1567,
2.4790

■ 27.7716, 15.6639,
1.5597

Harmonies

Analogous

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



50.8217, 48.1203, 49.9179



49.6540, 48.1203, 43.7169



47.4503, 48.1203, 40.0801

Triad

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



49.6540, 48.1203, 43.7169



41.2062, 48.1203, 47.6956



46.6214, 48.1203, 67.7426

Complementary

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



49.6540, 48.1203, 43.7169



49.0265, 55.2677, 69.7122

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.



44.0652, 48.1203, 67.0043



49.6540, 48.1203, 43.7169



41.0031, 48.1203, 54.9523

Square

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



49.6540, 48.1203, 43.7169



42.5969, 48.1203, 42.2224



42.0314, 48.1203, 62.1513



49.0275, 48.1203, 64.0824

Rectangle

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



49.6540, 48.1203, 43.7169



45.7235, 48.1203, 39.3751



42.0314, 48.1203, 62.1513



45.7503, 48.1203, 68.0083

Sweetspot

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



49.6553, 48.1225, 43.7179



88.9454, 91.5770, 95.1928



51.5752, 46.1380, 62.3134



18.9013, 19.4122, 20.0700



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.



49.6553, 48.1225, 43.7179



73.1748, 69.5853, 60.4958



54.1493, 57.1105, 45.2159



12.0065, 12.2036, 12.3348



16.8205, 9.5741, 0.9614



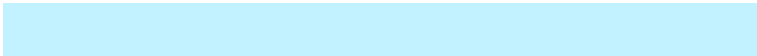
0.9992, 0.6528, 0.0733

Inverse Universe

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



49.0265, 55.2677, 69.7122



72.0541, 82.2774, 106.6912



44.4105, 46.0357, 68.1735



11.9395, 12.9692, 15.1177



15.4915, 19.6296, 40.1649



0.9202, 1.2056, 2.2638

Previews

White Background



This preview shows how the XYZ color 49.6540, 48.1203, 43.7169 looks on a white background.

Color Contrast Check

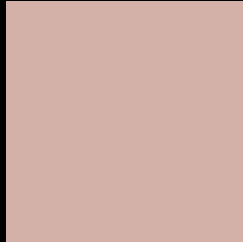
Large Text (above 18pt) WCAG AA × Fail

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 49.6540, 48.1203, 43.7169 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 49.6540, 48.1203, 43.7169

Background



This preview shows how black text looks on a background with the XYZ color 49.6540, 48.1203, 43.7169.



This preview shows how white text looks on a background with the XYZ color 49.6540, 48.1203,

43.7169.

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

49.6540, 48.1203, 43.7169

Protanopia

46.0727, 48.3359, 45.9312

Deuteranopia

49.2828, 48.2233, 43.7563



Tritanopia

51.6537, 48.0491, 54.1289

Trichromacy



Original Color

49.6540, 48.1203, 43.7169

Protanomaly

47.1633, 47.9938, 45.3060

Deuteranomaly

49.5666, 48.3696, 43.7696

Tritanomaly

50.8218, 47.9932, 50.3011

Monochromacy



Original Color

49.6540, 48.1203, 43.7169

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.5758, 48.7237, 49.5449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6540, 48.1203, 43.7169 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(211, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(211, 177, 168)  
}
```

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(211, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 177, 168) }
```

Border

The CSS property to change the border of an element to XYZ 49.6540, 48.1203, 43.7169 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(211, 177, 168) }
```


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

```
.border{ border-color:rgb(211, 177, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 177, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 177, 168);  
box-shadow:4px 4px 4px 4px rgb(211, 177,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6540, 48.1203, 43.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 177, 168) }
```

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

```
.background{ background-color: rgb(211,  
177, 168) }
```

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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