

Converting Colors

XYZ(49.0485, 45.7297, 34.2586)

Have a look what the booklet for
XYZ(49.0485, 45.7297, 34.2586)
contains.

XYZ(49.0485, 45.7297, 34.2586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.0485, 45.7297,
34.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA994
RGB	220, 169, 148
RGB Percent	86%, 66%, 58%
CMY	0.1373, 0.3372, 0.4196
CMYK	0.00, 0.23, 0.33, 0.14
HSL	18°, 51%, 72%
HSV	18°, 33%, 86%
XYZ	49.0485, 45.7297, 34.2586
YIQ	181.8550, 37.1370, 4.2810

Conversions

Conversions Part 2

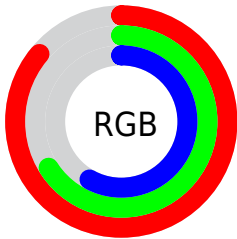
Format	Color
R_{YB}	220, 178, 148
Decimal	14461332
CIE Lab	73.37, 15.84, 18.06
CIE LCh	73, 24.017, 48.748
Yxy	45.7297, 0.3801, 0.3544
Android (android.graphics.Color)	4292651412 (0xFFDCA994)
YUV	181.8550, -16.6905, 33.4532
Hunter-Lab	67.6237, 11.1272, 17.2999

Details

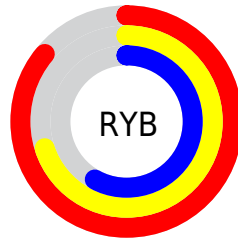
The XYZ color **49.0485, 45.7297, 34.2586** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5539, 52.3085, 75.4059**, and the grayscale version is **44.4593, 46.7747, 50.9376**.

A 20% lighter version of the original color is **78.5563, 78.8356, 66.9535**, and **23.8288, 21.4782, 14.1990** is the 20% darker color. If you saturate the color by 10%, you get **44.7420, 39.6434, 25.0330**, and if you desaturate by 10%, it is **54.0339, 52.6436, 45.3443**.

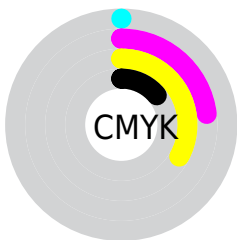
Distribution



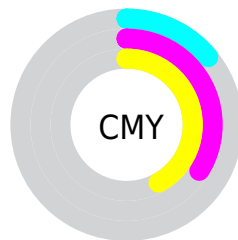
- Red (86%)
- Green (66%)
- Blue (58%)



- Red (86%)
- Yellow (70%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (14%)





- Cyan (14%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0485, 45.7297, 34.2586 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 49.0485, 45.7297, 34.2586 by changing the saturation by 10% instead.


 49.0485, 45.7297,
34.2586


 49.0485, 45.7297,
34.2586


373.4470,
369.7209, 336.0879

 34.8726, 32.0326,
22.8134


 87.9638, 83.8143,
67.4741

 23.7308, 21.3864,
14.2518


 113.4339,
108.9706, 90.0814

 15.2577, 13.4067,
8.1552


143.3995,
138.7154, 117.2466

 9.0880, 7.7092,
4.1052

178.2259,
173.4331, 149.3880

 4.8562, 3.9094,
1.6833

218.2785,
213.5081, 186.9243

 2.1970, 1.6230,
0.3492

263.9227,

 0.7412, 0.3731,

259.3248, 230.2741

0.0000

315.5237,
311.2676, 279.8557

0.0000, 0.0000,
0.0000

49.0485, 45.7297,
34.2586

49.0485, 45.7297,
34.2586

44.7420, 39.6434,
25.0330

54.0339, 52.6436,
45.3443

41.0798, 34.3467,
17.5615

59.7234, 60.4087,
58.3823

38.0298, 29.8078,
11.7320

66.1453, 69.0553,
73.4622

35.5551, 25.9902,
7.4178

73.3252, 78.6106,
90.6668

33.6144, 22.8542,
4.4735

80.8002, 88.9056,
107.5096

■ 32.1599, 20.3552,
2.7242

■ 83.3253, 93.9557,
108.3513

■ 31.3589, 18.9028,
1.9958

Harmonies

Analogous

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



51.6264, 45.7297, 42.6772



49.0485, 45.7297, 34.2586



45.0703, 45.7297, 30.2697

Triad

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



49.0485, 45.7297, 34.2586



35.9690, 45.7297, 45.3858



46.1304, 45.7297, 75.2533

Complementary

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



49.0485, 45.7297, 34.2586



45.5539, 52.3085, 75.4059

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.



41.8977, 45.7297, 76.2957



49.0485, 45.7297, 34.2586



36.2120, 45.7297, 57.6563

Square

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



49.0485, 45.7297, 34.2586



37.6347, 45.7297, 35.9638



38.3216, 45.7297, 69.4276



49.8677, 45.7297, 66.7755

Rectangle

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



49.0485, 45.7297, 34.2586



42.2399, 45.7297, 30.1431



38.3216, 45.7297, 69.4276



44.7129, 45.7297, 76.5307

Sweetspot

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



49.0497, 45.7318, 34.2595



85.7193, 87.4782, 86.8624



50.4841, 40.5474, 59.5648



18.0850, 18.3691, 17.9801



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.



49.0497, 45.7318, 34.2595



64.4602, 58.1602, 39.0817



56.5489, 60.7302, 36.7593



13.3640, 13.6673, 13.6593



18.4880, 11.2615, 1.1993



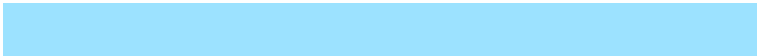
1.2712, 0.8764, 0.1022

Inverse Universe

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



45.5539, 52.3085, 75.4059



58.8664, 68.6291, 104.7519



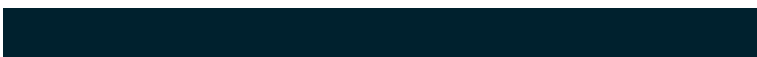
38.3355, 37.8718, 72.9998



13.1073, 14.1544, 16.6934



14.6416, 17.1525, 42.2775



1.0215, 1.2572, 2.7633

Previews

White Background



This preview shows how the XYZ color 49.0485, 45.7297, 34.2586 looks on a white background.

Color Contrast Check

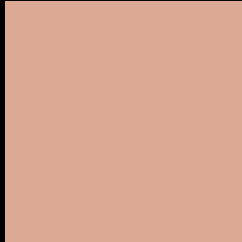
Large Text (above 18pt) WCAG AA × Fail

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 49.0485, 45.7297, 34.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

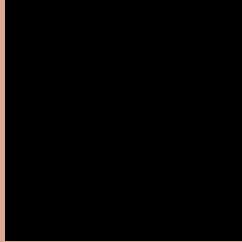
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0485, 45.7297, 34.2586

Background



This preview shows how black text looks on a background with the XYZ color 49.0485, 45.7297, 34.2586.



This preview shows how white text looks on a background with the XYZ color 49.0485, 45.7297,

34.2586.

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

49.0485, 45.7297, 34.2586

Protanopia

43.3062, 45.8896, 36.7121

Deuteranopia

46.5045, 45.5490, 33.9446



Tritanopia

51.8224, 45.7726, 47.6986

Trichromacy



Original Color

49.0485, 45.7297, 34.2586

Protanomaly

45.1986, 45.7025, 35.7174

Deuteranomaly

47.4596, 45.7578, 33.9345

Tritanomaly

50.6434, 45.5552, 42.2002

Monochromacy



Original Color

49.0485, 45.7297, 34.2586

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.7428, 46.0823, 44.5141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0485, 45.7297, 34.2586 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, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(220, 169, 148)  
}
```

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, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 169, 148) }
```

Border

The CSS property to change the border of an element to XYZ 49.0485, 45.7297, 34.2586 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, 169, 148) }
```


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

```
.border{ border-color:rgb(220, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 169, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 169, 148); box-shadow:4px 4px 4px 4px rgb(220, 169, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0485, 45.7297, 34.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 169, 148) }
```

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

```
.background{ background-color: rgb(220,  
169, 148) }
```

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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