

Converting Colors

XYZ(49.7035, 46.5510, 36.6853)

Have a look what the booklet for
XYZ(49.7035, 46.5510, 36.6853)
contains.

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Color

**XYZ(49.8279, 46.6414,
36.5135)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAB99
RGB	220, 171, 153
RGB Percent	86%, 67%, 60%
CMY	0.1373, 0.3294, 0.4000
CMYK	0.00, 0.22, 0.30, 0.14
HSL	16°, 49%, 73%
HSV	16°, 30%, 86%
XYZ	49.8279, 46.6414, 36.5135
YIQ	183.5990, 34.9820, 4.7900

Conversions

Conversions Part 2

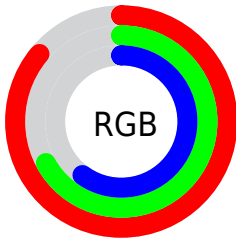
Format	Color
R_{YB}	220, 178, 153
Decimal	14461849
CIE _{Lab}	73.96, 15.41, 16.15
CIE _{LCh}	74, 22.321, 46.355
Yxy	46.6414, 0.3747, 0.3507
Android (android.graphics.Color)	4292651929 (0xFFDCAB99)
YUV	183.5990, -15.0853, 31.9237
Hunter-Lab	68.2945, 10.7188, 16.1069

Details

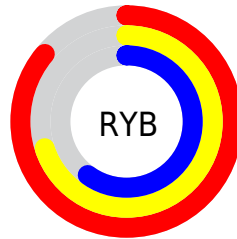
The XYZ color **49.8279, 46.6414, 36.5135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1750, 54.1790, 75.6815**, and the grayscale version is **45.4069, 47.7716, 52.0232**.

A 20% lighter version of the original color is **79.6988, 80.1577, 70.3029**, and **24.3049, 22.0455, 15.5446** is the 20% darker color. If you saturate the color by 10%, you get **45.3197, 40.2697, 26.8574**, and if you desaturate by 10%, it is **55.0435, 53.8913, 48.0592**.

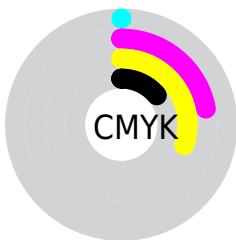
Distribution



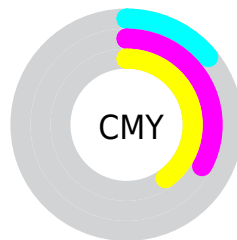
- Red (86%)
- Green (67%)
- Blue (60%)



- Red (86%)
- Yellow (70%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.8279, 46.6414, 36.5135 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 49.8279, 46.6414, 36.5135 by changing the saturation by 10% instead.


 49.8279, 46.6414,
36.5135


 49.8279, 46.6414,
36.5135


376.4557,
373.3813, 346.3045

 35.4939, 32.7523,
24.5382


 89.1132, 85.1781,
71.0019

 24.2119, 21.9367,
15.5175


 114.7952,
110.5944, 94.3520

 15.6165, 13.8104,
9.0327

144.9906,
140.6220, 122.3308

 9.3423, 7.9889,
4.6654

180.0647,
175.6451, 155.3569

 5.0240, 4.0879,
1.9970

220.3829,
216.0482, 193.8488

 2.2963, 1.7228,
0.5535

266.3106,

 0.7927, 0.4384,

262.2157, 238.2250

0.0000

318.2130,
314.5319, 288.9040

0.0000, 0.0000,
0.0000

49.8279, 46.6414,
36.5135

49.8279, 46.6414,
36.5135

45.3197, 40.2697,
26.8574

55.0435, 53.8913,
48.0592

41.4836, 34.7357,
18.9866

60.9924, 62.0448,
61.5854

38.2865, 30.0057,
12.7909

67.7036, 71.1342,
77.1808

35.6911, 26.0406,
8.1464

75.2036, 81.1885,
94.9276

33.6554, 22.7982,
4.9123

82.2020, 91.7091,
107.9769

■ 32.1314, 20.2313,
2.9211

■ 83.3253, 93.9557,
108.3513

■ 31.0854, 18.3559,
1.9047

Harmonies

Analogous

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



52.0905, 46.6414, 44.8574



49.8279, 46.6414, 36.5135



46.1619, 46.6414, 32.3187

Triad

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



49.8279, 46.6414, 36.5135



37.3000, 46.6414, 45.7858



46.5221, 46.6414, 74.8618

Complementary

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



49.8279, 46.6414, 36.5135



47.1750, 54.1790, 75.6815

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.



42.5496, 46.6414, 75.2099



49.8279, 46.6414, 36.5135



37.3836, 46.6414, 57.2121

Square

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



49.8279, 46.6414, 36.5135



39.0189, 46.6414, 37.1051



39.2545, 46.6414, 68.3601



50.1052, 46.6414, 67.4702

Rectangle

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



49.8279, 46.6414, 36.5135



43.4892, 46.6414, 31.9618



39.2545, 46.6414, 68.3601



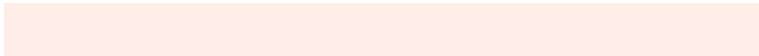
45.1841, 46.6414, 75.8407

Sweetspot

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



49.8291, 46.6436, 36.5144



86.4504, 88.3647, 88.8808



51.5833, 42.2692, 61.4003



18.2243, 18.5330, 18.3801



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.



49.8291, 46.6436, 36.5144



65.2020, 58.9404, 41.4967



56.9454, 60.8761, 38.8865



13.3393, 13.6179, 13.6510



18.3226, 10.9308, 1.1442



1.2578, 0.8496, 0.0977

Inverse Universe

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



47.1750, 54.1790, 75.6815



60.8759, 71.1575, 105.1340



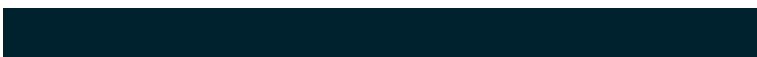
40.1755, 40.1799, 73.3483



13.1335, 14.2068, 16.7021



15.1456, 18.1606, 42.4455



1.0509, 1.3158, 2.7730

Previews

White Background



This preview shows how the XYZ color 49.8279, 46.6414, 36.5135 looks on a white background.

Color Contrast Check

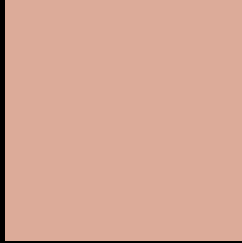
Large Text (above 18pt) WCAG AA × Fail

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 49.8279, 46.6414, 36.5135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

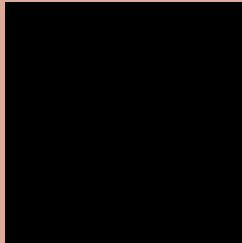
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.8279, 46.6414, 36.5135

Background



This preview shows how black text looks on a background with the XYZ color 49.8279, 46.6414, 36.5135.



This preview shows how white text looks on a background with the XYZ color 49.8279, 46.6414,

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

49.8279, 46.6414, 36.5135

Protanopia

44.3854, 47.0009, 39.0805

Deuteranopia

47.5758, 46.6286, 36.1985



Tritanopia

52.4884, 46.6207, 49.4123

Trichromacy



Original Color

49.8279, 46.6414, 36.5135

Protanomaly

46.2783, 46.7976, 38.0462

Deuteranomaly

48.5351, 46.8352, 36.1878

Tritanomaly

51.3825, 46.4371, 44.2853

Monochromacy



Original Color

49.8279, 46.6414, 36.5135

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.6889, 47.1276, 46.1709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8279, 46.6414, 36.5135 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, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(220, 171, 153)  
}
```

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, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 49.8279, 46.6414, 36.5135 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, 171, 153) }
```


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

```
.border{ border-color:rgb(220, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(220, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8279, 46.6414, 36.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 171, 153) }
```

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

```
.background{ background-color: rgb(220,  
171, 153) }
```

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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