

# Converting Colors

XYZ(49.5113, 49.2477, 43.4554)

Have a look what the booklet for  
XYZ(49.5113, 49.2477, 43.4554)  
contains.

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# Color

**XYZ(49.5113, 49.2477,  
43.4554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0B5A7
RGB	208, 181, 167
RGB Percent	82%, 71%, 65%
CMY	0.1843, 0.2902, 0.3451
CMYK	0.00, 0.13, 0.20, 0.18
HSL	20°, 30%, 74%
HSV	20°, 20%, 82%
XYZ	49.5113, 49.2477, 43.4554
YIQ	187.4770, 20.5860, 1.3700

# Conversions

## Conversions Part 2

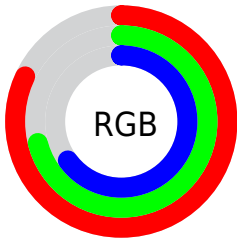
Format	Color
RYB	208, 188, 167
Decimal	13677991
CIELab	75.61, 7.46, 10.69
CIELCh	76, 13.034, 55.095
Yxy	49.2477, 0.3481, 0.3463
Android (android.graphics.Color)	4291868071 (0xFFD0B5A7)
YUV	187.4770, -10.0952, 17.9987
Hunter-Lab	70.1767, 3.1267, 12.4096

# Details

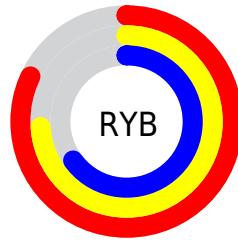
The XYZ color **49.5113, 49.2477, 43.4554** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6128, 51.3516, 67.1298**, and the grayscale version is **47.5518, 50.0282, 54.4807**.

A 20% lighter version of the original color is **84.7090, 87.1023, 81.4550**, and **23.9506, 23.4485, 19.4833** is the 20% darker color. If you saturate the color by 10%, you get **45.0921, 43.2427, 33.2464**, and if you desaturate by 10%, it is **54.5163, 55.9284, 55.3867**.

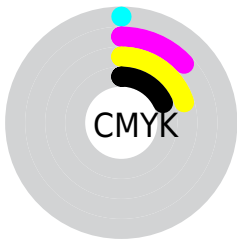
# Distribution



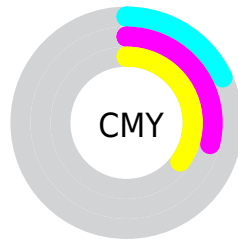
- Red (82%)
- Green (71%)
- Blue (65%)



- Red (82%)
- Yellow (74%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (18%)




- Cyan (18%)
- Magenta (29%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5113, 49.2477, 43.4554 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 49.5113, 49.2477, 43.4554 by changing the saturation by 10% instead.





 49.5113, 49.2477,  
43.4554


 49.5113, 49.2477,  
43.4554


375.2354,  
383.7166, 376.4574

 35.2415, 34.8160,  
29.9085

 88.6465, 89.0592,  
81.6913

 24.0163, 23.5212,  
19.5177

 114.2426,  
115.2079, 107.2175

 15.4705, 14.9788,  
11.8644

144.3449,  
146.0309, 137.5739

 9.2387, 8.8045,  
6.5300


179.3186,  
181.9128, 173.1790

 4.9556, 4.6139,  
3.0960

219.5291,  
223.2380, 214.4513

 2.2557, 2.0226,  
1.1439

265.3419,

 0.7719, 0.6205,

270.3907, 261.8095

0.0000

317.1222,  
323.7555, 315.6720

0.0000, 0.0000,  
0.0000

49.5113, 49.2477,  
43.4554

49.5113, 49.2477,  
43.4554

45.0921, 43.2427,  
33.2464

54.5163, 55.9284,  
55.3867

41.2320, 37.8851,  
24.6761

60.1244, 63.2988,  
69.1121

37.9081, 33.1543,  
17.6588

66.3570, 71.3806,  
84.7034

35.0945, 29.0260,  
12.0996

73.2335, 80.1929,  
102.2271

32.7624, 25.4742,  
7.8930

78.0874, 88.6797,  
107.6090

■ 30.8801, 22.4707,  
4.9191

■ 79.8225, 92.1499,  
108.1874

■ 29.4110, 19.9843,  
3.0364

■ 28.2973, 17.9742,  
1.9952

■ 28.2687, 17.9224,  
1.9694

# Harmonies

## Analogous

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



51.1330, 49.2477, 48.1867



49.5113, 49.2477, 43.4554



47.2059, 49.2477, 41.4534

# Triad

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



49.5113, 49.2477, 43.4554



42.3403, 49.2477, 52.4953



48.8021, 49.2477, 66.5654

# Complementary

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



49.5113, 49.2477, 43.4554



46.6128, 51.3516, 67.1298

# 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.



46.4133, 49.2477, 67.9664



49.5113, 49.2477, 43.4554



42.7349, 49.2477, 59.4521

# Square

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



49.5113, 49.2477, 43.4554



43.1090, 49.2477, 46.3791



44.2058, 49.2477, 65.2630



50.7138, 49.2477, 61.5831



# Rectangle

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



49.5113, 49.2477, 43.4554



45.6116, 49.2477, 41.7992



44.2058, 49.2477, 65.2630



48.0260, 49.2477, 67.4880

# Sweetspot

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



49.5126, 49.2499, 43.4564



89.5537, 92.7935, 95.3956



49.6066, 44.9579, 57.2990



19.0447, 19.6990, 20.1178



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.



49.5126, 49.2499, 43.4564



75.1803, 73.5964, 61.1643



53.9133, 58.0512, 44.9233



12.1341, 12.4589, 12.3773



17.6997, 11.3324, 1.2545



1.0627, 0.7797, 0.0945

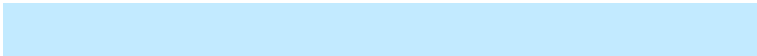


# Inverse Universe

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



46.6128, 51.3516, 67.1298



69.6970, 77.5631, 105.9055



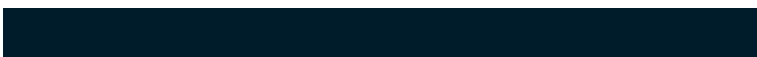
42.4259, 42.9779, 65.7342



11.8042, 12.6987, 15.0726



12.7600, 14.1666, 39.2544



0.7856, 0.9363, 2.2189



# Previews

## White Background



This preview shows how the XYZ color 49.5113, 49.2477, 43.4554 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 49.5113, 49.2477, 43.4554 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

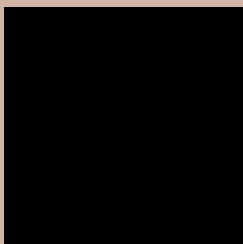
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

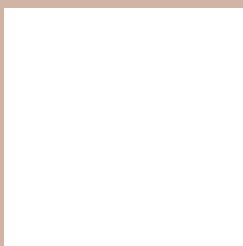
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 49.5113, 49.2477, 43.4554**

## **Background**



This preview shows how black text looks on a background with the XYZ color 49.5113, 49.2477, 43.4554.



This preview shows how white text looks on a background with the XYZ color 49.5113, 49.2477,

43.4554.

# 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

49.5113, 49.2477, 43.4554

### Protanopia

47.0627, 49.4894, 45.1022

### Deuteranopia

50.1603, 49.2814, 43.4277



## Tritanopia

51.9901, 49.0548, 56.0186

# Trichromacy



## Original Color

49.5113, 49.2477, 43.4554

## Protanomaly

47.8551, 49.2877, 44.5274

## Deuteranomaly

49.8747, 49.1342, 43.4144

## Tritanomaly

50.9422, 48.9198, 51.0135

# Monochromacy



## Original Color

49.5113, 49.2477, 43.4554

## Achromatopsia

47.2335, 49.6933, 54.1160

## Achromatomaly

48.0929, 49.5953, 50.2181

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 49.5113, 49.2477, 43.4554 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(208, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(208, 181, 167)  
}
```

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(208, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 181, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 49.5113, 49.2477, 43.4554 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(208, 181, 167) }
```



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

```
.border{ border-color:rgb(208, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(208, 181,  
167) }
```

# Background

The CSS property to change the background color of an element to XYZ 49.5113, 49.2477, 43.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 181, 167) }
```

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

```
.background{ background-color: rgb(208,  
181, 167) }
```

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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