

Converting Colors

XYZ(49.7782, 52.7844, 43.3803)

Have a look what the booklet for
XYZ(49.7782, 52.7844, 43.3803)
contains.

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Color

**XYZ(49.7286, 52.8334,
43.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C0A5
RGB	201, 192, 165
RGB Percent	79%, 75%, 65%
CMY	0.2118, 0.2470, 0.3529
CMYK	0.00, 0.04, 0.18, 0.21
HSL	45°, 25%, 72%
HSV	45°, 18%, 79%
XYZ	49.7286, 52.8334, 43.1742
YIQ	191.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

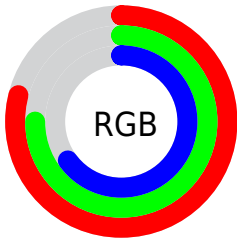
Format	Color
RYB	177, 201, 165
Decimal	13222053
CIELab	77.78, -1.31, 14.75
CIELCh	78, 14.809, 95.088
Yxy	52.8334, 0.3412, 0.3625
Android (android.graphics.Color)	4291412133 (0xFFC9C0A5)
YUV	191.6130, -13.1202, 8.2324
Hunter-Lab	72.6866, -5.0806, 15.6637

Details

The XYZ color **49.7286, 52.8334, 43.1742** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1956, 42.4877, 61.2885**, and the grayscale version is **49.9468, 52.5479, 57.2247**.

A 20% lighter version of the original color is **87.7257, 93.5621, 81.1458**, and **24.2459, 25.8605, 19.3365** is the 20% darker color. If you saturate the color by 10%, you get **46.9574, 49.9920, 33.9228**, and if you desaturate by 10%, it is **52.8279, 55.8698, 53.9548**.

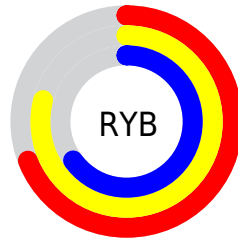
Distribution



Red (79%)

Green (75%)

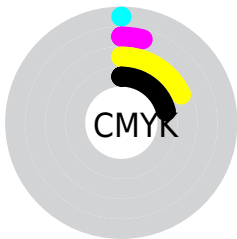
Blue (65%)



Red (69%)

Yellow (79%)

Blue (65%)

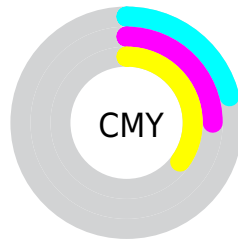


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (21%)



Cyan (21%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7286, 52.8334, 43.1742 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 49.7286, 52.8334, 43.1742 by changing the saturation by 10% instead.


 49.7286, 52.8334,
43.1742


 49.7286, 52.8334,
43.1742


376.0732,
397.6456, 375.2699

 35.4147, 37.6698,
29.6894


 88.9669, 94.3592,
81.2628

 24.1505, 25.7265,
19.3529


 114.6219,
121.4901, 106.7038

 15.5707, 16.6191,
11.7462


144.7881,
153.3790, 136.9672

 9.3098, 9.9633,
6.4506

179.8308,
190.4101, 172.4716

 5.0025, 5.3746,
3.0478

220.1153,
232.9680, 213.6355

 2.2835, 2.4687,
1.1191

266.0069,

 0.7862, 0.8609,

281.4369, 260.8775

0.0000

317.8711,
336.2013, 314.6161

■ 0.0000, 0.0000,
0.0000

■ 49.7286, 52.8334,
43.1742

■ 49.7286, 52.8334,
43.1742

■ 46.9574, 49.9920,
33.9228

■ 52.8279, 55.8698,
53.9548

■ 44.4962, 47.3325,
26.1265

■ 56.2638, 59.0999,
66.3274

■ 42.3317, 44.8507,
19.7102

■ 60.0500, 62.5315,
80.3550

■ 40.4476, 42.5395,
14.5906

■ 64.1980, 66.1698,
96.0967

■ 38.8261, 40.3911,
10.6755

■ 66.9811, 69.3246,
104.4584

■ 37.4470, 38.3968,
7.8603

■ 68.2965, 71.9554,
104.8969

■ 36.2865, 36.5466,
6.0223

■ 69.6517, 74.6657,
105.3486

■ 35.3101, 34.8258,
4.9816

■ 71.0469, 77.4563,
105.8137

■ 35.1177, 34.4779,
4.8040

■ 72.4826, 80.3276,
106.2923

Harmonies

Analogous

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



52.5775, 52.8334, 44.3478



49.7286, 52.8334, 43.1742



47.1101, 52.8334, 45.5371

Triad

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



49.7286, 52.8334, 43.1742



45.8342, 52.8334, 67.1002



55.3907, 52.8334, 64.4452

Complementary

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



49.7286, 52.8334, 43.1742



41.1956, 42.4877, 61.2885

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.



53.4567, 52.8334, 71.4550



49.7286, 52.8334, 43.1742



47.9273, 52.8334, 73.0873

Square

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



49.7286, 52.8334, 43.1742



44.9170, 52.8334, 58.9400



50.7077, 52.8334, 74.7520



55.9174, 52.8334, 56.1359

Rectangle

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



49.7286, 52.8334, 43.1742



45.8250, 52.8334, 48.9457



50.7077, 52.8334, 74.7520



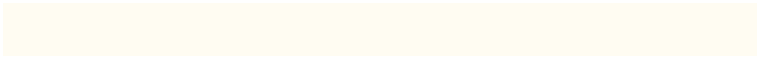
54.8801, 52.8334, 67.0559

Sweetspot

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



49.7300, 52.8358, 43.1753



92.0566, 97.1898, 98.1090



45.1831, 42.3845, 45.8447



19.6164, 20.7196, 20.6870



0.0000, 0.0000, 0.0000



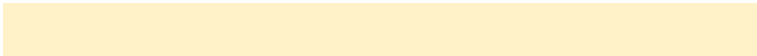
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.7300, 52.8358, 43.1753



83.4743, 88.7756, 68.2721



49.4170, 55.6969, 43.7441



11.2908, 11.9507, 11.2744



22.1562, 21.8297, 3.0458



1.1040, 1.1435, 0.1625

Inverse Universe

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



41.1956, 42.4877, 61.2885



66.5161, 68.2151, 104.2688



41.4540, 40.1267, 60.8192



10.2685, 10.7110, 13.4437



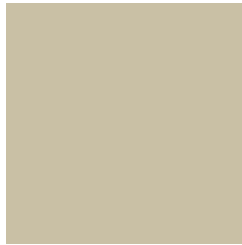
7.4142, 4.2223, 35.1686



0.4107, 0.3192, 1.6851

Previews

White Background



This preview shows how the XYZ color 49.7286, 52.8334, 43.1742 looks on a white background.

Color Contrast Check

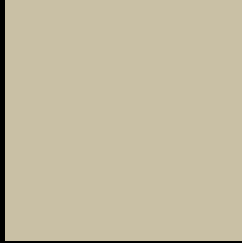
Large Text (above 18pt) WCAG AA × Fail

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 49.7286, 52.8334, 43.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

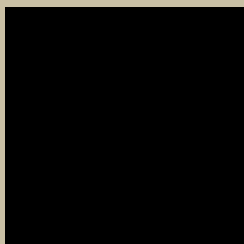
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

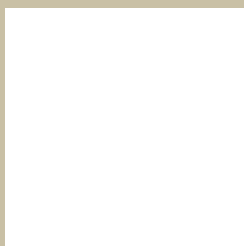
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7286, 52.8334, 43.1742

Background



This preview shows how black text looks on a background with the XYZ color 49.7286, 52.8334, 43.1742.



This preview shows how white text looks on a background with the XYZ color 49.7286, 52.8334,

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

49.7286, 52.8334, 43.1742

Protanopia

49.9983, 52.9724, 43.1868

Deuteranopia

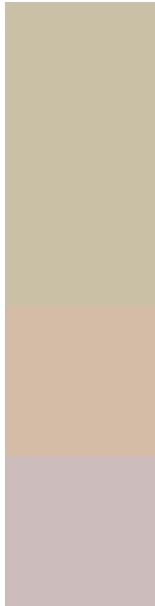
53.7471, 52.6667, 43.4093



Tritanopia

53.7665, 52.8795, 62.6313

Trichromacy



Original Color

49.7286, 52.8334, 43.1742

Protanomaly

49.9983, 52.9724, 43.1868

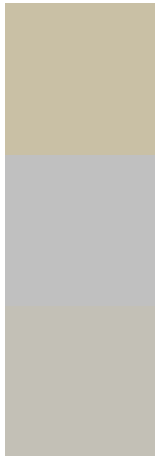
Deuteranomaly

52.3067, 52.8657, 43.5236

Tritanomaly

52.1765, 52.8634, 55.0306

Monochromacy



Original Color

49.7286, 52.8334, 43.1742

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7988, 52.6788, 51.7993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7286, 52.8334, 43.1742 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(201, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 165)  
}
```

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(201, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 165) }
```

Border

The CSS property to change the border of an element to XYZ 49.7286, 52.8334, 43.1742 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(201, 192, 165) }
```


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

```
.border{ border-color:rgb(201, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7286, 52.8334, 43.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 165) }
```

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

```
.background{ background-color: rgb(201,  
192, 165) }
```

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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