

Converting Colors

XYZ(47.1448, 49.9807, 39.0607)

Have a look what the booklet for
XYZ(47.1448, 49.9807, 39.0607)
contains.

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Color

**XYZ(47.1448, 49.9807,
39.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BB9D
RGB	198, 187, 157
RGB Percent	78%, 73%, 62%
CMY	0.2235, 0.2666, 0.3843
CMYK	0.00, 0.06, 0.21, 0.22
HSL	44°, 26%, 70%
HSV	44°, 21%, 78%
XYZ	47.1448, 49.9807, 39.0607
YIQ	186.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

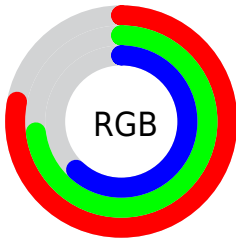
Format	Color
RYB	172, 198, 157
Decimal	13024157
CIELab	76.06, -1.01, 16.61
CIELCh	76, 16.641, 93.465
Yxy	49.9807, 0.3462, 0.3670
Android (android.graphics.Color)	4291214237 (0xFFC6BB9D)
YUV	186.8690, -14.7254, 9.7619
Hunter-Lab	70.6970, -4.6859, 16.7297

Details

The XYZ color **47.1448, 49.9807, 39.0607** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1001, 39.2496, 58.9942**, and the grayscale version is **47.2353, 49.6952, 54.1181**.

A 20% lighter version of the original color is **85.1743, 90.1147, 75.1921**, and **22.6282, 24.0201, 17.0794** is the 20% darker color. If you saturate the color by 10%, you get **44.4841, 47.1488, 30.4988**, and if you desaturate by 10%, it is **50.1238, 53.0100, 49.0815**.

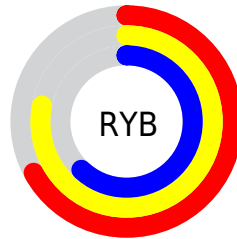
Distribution



Red (78%)

Green (73%)

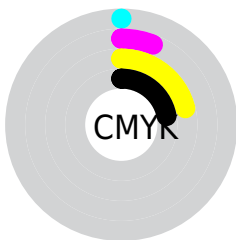
Blue (62%)



Red (67%)

Yellow (78%)

Blue (62%)

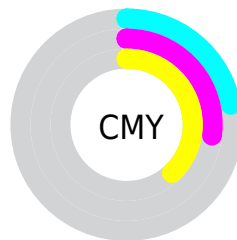


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1448, 49.9807, 39.0607 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 47.1448, 49.9807, 39.0607 by changing the saturation by 10% instead.


 47.1448, 49.9807,
39.0607


 47.1448, 49.9807,
39.0607


366.0315,
386.5905, 357.5822

 33.3586, 35.3981,
26.4988


 85.1471, 90.1463,
74.9524

 22.5618, 23.9697,
16.9680


 110.0940,
116.4980, 99.1192

 14.3892, 15.3111,
10.0500


139.4917,
147.5416, 127.9915

 8.4754, 9.0380,
5.3261

173.7057,
183.6613, 161.9876

 4.4549, 4.7660,
2.3778

213.1013,
225.2417, 201.5262

 1.9626, 2.1106,
0.7743

258.0439,

 0.6128, 0.6706,

272.6671, 247.0258

0.0000

308.8989,
326.3219, 298.9049

■ 0.0000, 0.0000,
0.0000

■ 47.1448, 49.9807,
39.0607

■ 47.1448, 49.9807,
39.0607

■ 44.4841, 47.1488,
30.4988

■ 50.1238, 53.0100,
49.0815

■ 42.1242, 44.5013,
23.3231

■ 53.4298, 56.2359,
60.6228

■ 40.0516, 42.0341,
17.4593

■ 57.0762, 59.6659,
73.7467

■ 38.2502, 39.7398,
12.8250

■ 61.0743, 63.3053,
88.5108

■ 36.7022, 37.6106,
9.3283

■ 65.2731, 67.0944,
104.1180

■ 35.3872, 35.6377,
6.8644

■ 66.6354, 69.8190,
104.5721

■ 34.2811, 33.8105,
5.3089

■ 68.0419, 72.6319,
105.0409

■ 33.3987, 32.2257,
4.4599

■ 69.4929, 75.5340,
105.5246

■ 70.9889, 78.5261,
106.0233

Harmonies

Analogous

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



50.2255, 49.9807, 40.4983



47.1448, 49.9807, 39.0607



44.2850, 49.9807, 41.3539

Triad

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



47.1448, 49.9807, 39.0607



42.6917, 49.9807, 64.4154



53.0554, 49.9807, 62.4309

Complementary

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



47.1448, 49.9807, 39.0607



38.1001, 39.2496, 58.9942

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.



50.8777, 49.9807, 69.9848



47.1448, 49.9807, 39.0607



44.8849, 49.9807, 71.2155

Square

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



47.1448, 49.9807, 39.0607



41.7857, 49.9807, 55.4617



47.8673, 49.9807, 73.3563



53.7241, 49.9807, 53.3924

Rectangle

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



47.1448, 49.9807, 39.0607



42.8629, 49.9807, 44.8535



47.8673, 49.9807, 73.3563



52.4710, 49.9807, 65.2594

Sweetspot

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



47.1461, 49.9829, 39.0618



91.3885, 96.4633, 96.0072



42.4716, 38.9705, 42.6319



19.4784, 20.5664, 20.2623



0.0000, 0.0000, 0.0000



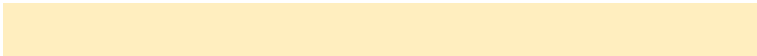
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1461, 49.9829, 39.0618



81.2178, 86.1251, 61.7778



47.2955, 53.6566, 39.7630



11.2740, 11.9172, 11.2688



21.7935, 21.1042, 2.9249



1.0893, 1.1141, 0.1576

Inverse Universe

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



38.1001, 39.2496, 58.9942



62.2394, 63.6100, 103.6053



37.9520, 36.2862, 58.4300



10.2842, 10.7426, 13.4490



7.5209, 4.4357, 35.2041



0.4178, 0.3334, 1.6875

Previews

White Background



This preview shows how the XYZ color 47.1448, 49.9807, 39.0607 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 47.1448, 49.9807, 39.0607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

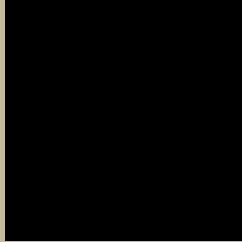
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1448, 49.9807, 39.0607

Background



This preview shows how black text looks on a background with the XYZ color 47.1448, 49.9807, 39.0607.

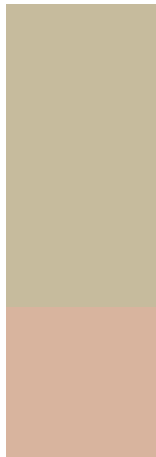


This preview shows how white text looks on a background with the XYZ color 47.1448, 49.9807,

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

47.1448, 49.9807, 39.0607

Protanopia

47.1448, 49.9807, 39.0607

Deuteranopia

50.8117, 49.7101, 39.2647



Tritanopia

51.3204, 50.1379, 59.1973

Trichromacy



Original Color

47.1448, 49.9807, 39.0607

Protanomaly

47.1448, 49.9807, 39.0607

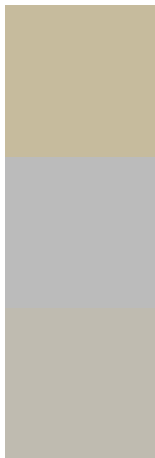
Deuteranomaly

49.3995, 49.8909, 39.3740

Tritanomaly

49.6714, 50.0759, 51.3036

Monochromacy



Original Color

47.1448, 49.9807, 39.0607

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.0927, 49.7516, 48.1953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1448, 49.9807, 39.0607 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(198, 187, 157)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 157)  
}
```

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(198, 187, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 157) }
```

Border

The CSS property to change the border of an element to XYZ 47.1448, 49.9807, 39.0607 is called "border". The border property can be set on classes, ids or directly on the HTML element.

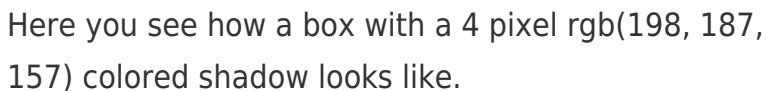
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 187, 157) }
```


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

```
.border{ border-color:rgb(198, 187, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 187, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 157);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1448, 49.9807, 39.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 157) }
```

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

```
.background{ background-color: rgb(198,  
187, 157) }
```

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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