

Converting Colors

XYZ(47.6601, 49.3266, 47.1032)

Have a look what the booklet for
XYZ(47.6601, 49.3266, 47.1032)
contains.

XYZ(47.7539, 49.4897, 47.0800)	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(47.7539, 49.4897,
47.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B9AE
RGB	196, 185, 174
RGB Percent	77%, 73%, 68%
CMY	0.2314, 0.2745, 0.3176
CMYK	0.00, 0.06, 0.11, 0.23
HSL	30°, 16%, 73%
HSV	30°, 11%, 77%
XYZ	47.7539, 49.4897, 47.0800
YIQ	187.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

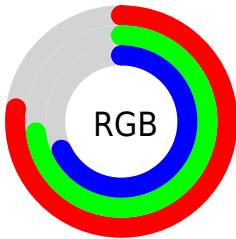
Format	Color
RYB	196, 196, 174
Decimal	12892590
CIELab	75.75, 1.99, 6.96
CIELCh	76, 7.242, 74.010
Yxy	49.4897, 0.3309, 0.3429
Android (android.graphics.Color)	4291082670 (0xFFC4B9AE)
YUV	187.0350, -6.4263, 7.8623
Hunter-Lab	70.3489, -1.9421, 9.5653

Details

The XYZ color **47.7539, 49.4897, 47.0800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7682, 47.6812, 59.0689**, and the grayscale version is **47.2861, 49.7487, 54.1763**.

A 20% lighter version of the original color is **86.1062, 89.4504, 86.8561**, and **22.9194, 23.6585, 21.7709** is the 20% darker color. If you saturate the color by 10%, you get **44.0019, 44.8234, 37.0800**, and if you desaturate by 10%, it is **51.9287, 54.5544, 58.5977**.

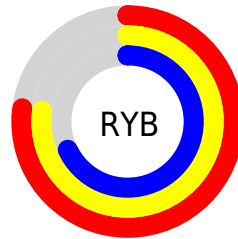
Distribution



Red (77%)

Green (73%)

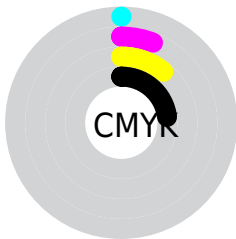
Blue (68%)



Red (77%)

Yellow (77%)

Blue (68%)

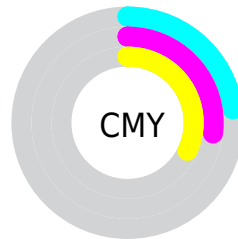


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7539, 49.4897, 47.0800 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 47.7539, 49.4897, 47.0800 by changing the saturation by 10% instead.

■ 47.7539, 49.4897,
47.0800

■ 47.7539, 49.4897,
47.0800

368.4147,
384.6670, 391.5368

■ 33.8425, 35.0081,
32.7441

■ 86.0498, 89.4183,
87.1843

■ 22.9349, 23.6691,
21.6610

111.1650,
115.6342, 113.7897

■ 14.6659, 15.0884,
13.4121

140.7454,
146.5302, 145.3221

■ 8.6700, 8.8814,
7.5789

175.1566,
182.4908, 182.1999

■ 4.5820, 4.6639,
3.7428

214.7637,
223.9004, 224.8418

■ 2.0364, 2.0515,
1.4853

259.9322,

■ 0.6543, 0.6371,

271.1433, 273.6662

0.2070

311.0274,
324.6041, 329.0916

■ 0.0000, 0.0000,
0.0000

■ 47.7539, 49.4897,
47.0800

■ 47.7539, 49.4897,
47.0800

■ 44.0019, 44.8234,
37.0800

■ 51.9287, 54.5544,
58.5977

■ 40.6538, 40.5385,
28.5304

■ 56.5363, 60.0209,
71.6904

■ 37.6952, 36.6262,
21.3632

■ 61.5915, 65.9010,
86.4163

■ 35.1090, 33.0748,
15.5039

■ 67.1068, 72.2040,
102.8295

■ 32.8769, 29.8720,
10.8708

■ 70.2347, 77.7949,
105.9219

■ 30.9784, 27.0046,
7.3727

■ 73.1012, 83.5279,
106.8774

■ 29.3908, 24.4579,
4.9057

■ 76.1244, 89.5743,
107.8851

■ 28.0872, 22.2156,
3.3463

■ 76.5752, 90.4759,
108.0354

■ 27.1360, 20.4776,
2.5223

Harmonies

Analogous

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



48.9216, 49.4897, 48.9058



47.7539, 49.4897, 47.0800



46.4156, 49.4897, 47.0196

Triad

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



47.7539, 49.4897, 47.0800



44.5755, 49.4897, 55.6975



48.8568, 49.4897, 59.3857

Complementary

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



47.7539, 49.4897, 47.0800



44.7682, 47.6812, 59.0689

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.



47.6669, 49.4897, 61.3901



47.7539, 49.4897, 47.0800



45.2043, 49.4897, 59.1931

Square

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



47.7539, 49.4897, 47.0800



44.5978, 49.4897, 51.8728



46.3302, 49.4897, 61.3179



49.5666, 49.4897, 55.9503

Rectangle

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



47.7539, 49.4897, 47.0800



45.6078, 49.4897, 47.9810



46.3302, 49.4897, 61.3179



48.4987, 49.4897, 60.2563

Sweetspot

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



47.7553, 49.4919, 47.0811



92.6349, 97.1016, 102.1392



46.6586, 45.5114, 52.2250



19.6921, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



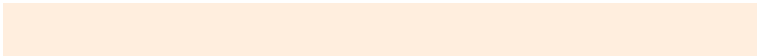
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7553, 49.4919, 47.0811



85.1048, 87.9260, 81.4878



50.1454, 54.2721, 47.8778



10.4801, 10.8916, 10.6118



17.5220, 13.3298, 1.6494



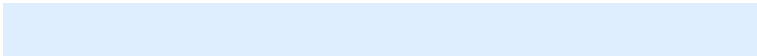
0.8260, 0.7138, 0.0942

Inverse Universe

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



44.7682, 47.6812, 59.0689



78.8250, 84.1195, 106.6899



42.5561, 43.2571, 58.3315



9.9349, 10.5611, 12.7997



9.2927, 8.3419, 34.6770



0.4705, 0.4983, 1.5213

Previews

White Background



This preview shows how the XYZ color 47.7539, 49.4897, 47.0800 looks on a white background.

Color Contrast Check

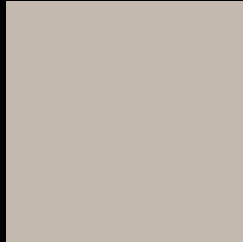
Large Text (above 18pt) WCAG AA × Fail

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 47.7539, 49.4897, 47.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

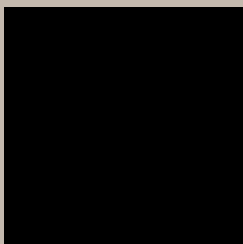
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

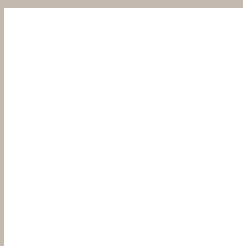
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7539, 49.4897, 47.0800

Background



This preview shows how black text looks on a background with the XYZ color 47.7539, 49.4897, 47.0800.

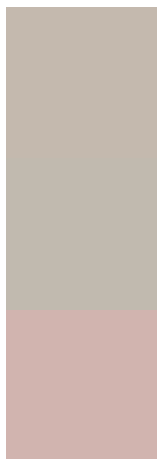


This preview shows how white text looks on a background with the XYZ color 47.7539, 49.4897,

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

47.7539, 49.4897, 47.0800

Protanopia

47.2891, 49.5504, 47.6292

Deuteranopia

50.3536, 49.2930, 47.4180



Tritanopia

50.2449, 49.5835, 59.1469

Trichromacy



Original Color

47.7539, 49.4897, 47.0800

Protanomaly

47.5449, 49.6823, 47.6412

Deuteranomaly

49.3677, 49.3884, 47.4884

Tritanomaly

49.2993, 49.5036, 54.5337

Monochromacy



Original Color

47.7539, 49.4897, 47.0800

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2376, 49.4424, 51.3096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7539, 49.4897, 47.0800 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(196, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 174)  
}
```

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(196, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.7539, 49.4897, 47.0800 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(196, 185, 174) }
```


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

```
.border{ border-color:rgb(196, 185, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7539, 49.4897, 47.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 174) }
```

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

```
.background{ background-color: rgb(196,  
185, 174) }
```

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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