

Converting Colors

XYZ(47.9947, 49.8327, 51.3450)

Have a look what the booklet for
XYZ(47.9947, 49.8327, 51.3450)
contains.

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Color

**XYZ(47.9947, 49.8327,
51.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BAB6
RGB	193, 186, 182
RGB Percent	76%, 73%, 71%
CMY	0.2431, 0.2706, 0.2863
CMYK	0.00, 0.04, 0.06, 0.24
HSL	22°, 8%, 74%
HSV	22°, 6%, 76%
XYZ	47.9947, 49.8327, 51.3450
YIQ	187.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

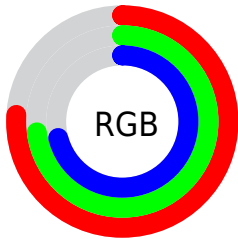
Format	Color
R _Y B	193, 188, 182
Decimal	12696246
CIE Lab	75.97, 1.75, 2.89
CIE LCh	76, 3.380, 58.809
Yxy	49.8327, 0.3217, 0.3341
Android (android.graphics.Color)	4290886326 (0xFFC1BAB6)
YUV	187.6370, -2.7790, 4.7034
Hunter-Lab	70.5923, -2.1768, 6.2903

Details

The XYZ color **47.9947, 49.8327, 51.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1145, 50.1896, 57.6569**, and the grayscale version is **47.6084, 50.0877, 54.5455**.

A 20% lighter version of the original color is **86.2517, 89.8170, 93.6794**, and **22.9974, 23.8490, 24.1601** is the 20% darker color. If you saturate the color by 10%, you get **43.6605, 44.1389, 40.7286**, and if you desaturate by 10%, it is **52.8288, 56.0852, 63.4855**.

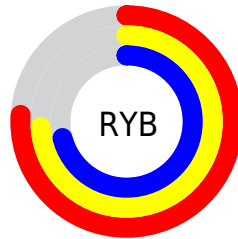
Distribution



Red (76%)

Green (73%)

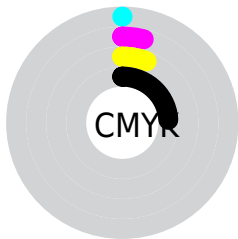
Blue (71%)



Red (76%)

Yellow (74%)

Blue (71%)

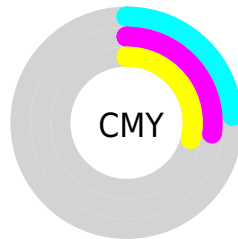


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9947, 49.8327, 51.3450 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 47.9947, 49.8327, 51.3450 by changing the saturation by 10% instead.

■ 47.9947, 49.8327,
51.3450

■ 47.9947, 49.8327,
51.3450

369.3541,
386.0113, 408.7875

■ 34.0339, 35.2805,
36.1046

■ 86.4063, 89.9269,
93.5813

■ 23.0827, 23.8790,
24.2247

111.5877,
116.2378, 121.4142

■ 14.7756, 15.2439,
15.2866

141.2402,
147.2369, 154.2818

■ 8.7473, 8.9907,
8.8719

175.7289,
183.3088, 192.6025

■ 4.6325, 4.7351,
4.5621

215.4193,
224.8378, 236.7948

■ 2.0658, 2.0927,
1.9385

260.6768,

■ 0.6705, 0.6605,

272.2083, 287.2774

0.5171

311.8665,
325.8046, 344.4688

■ 0.0000, 0.0000,
0.0000

■ 47.9947, 49.8327,
51.3450

■ 47.9947, 49.8327,
51.3450

■ 43.6605, 44.1389,
40.7286

■ 52.8288, 56.0852,
63.4855

■ 39.8053, 38.9817,
31.5724

■ 58.1746, 62.9048,
77.2042

■ 36.4128, 34.3469,
23.8127

■ 64.0486, 70.3080,
92.5565

■ 33.4641, 30.2173,
17.3798

■ 69.7813, 78.0351,
105.9922

■ 30.9388, 26.5747,
12.1978

■ 73.4201, 85.3128,
107.2051

■ 28.8150, 23.3996,
8.1832

■ 75.8025, 90.0776,
107.9992

■ 27.0682, 20.6712,
5.2421

■ 25.6709, 18.3665,
3.2658

■ 24.5900, 16.4597,
2.1194

Harmonies

Analogous

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



48.4340, 49.8327, 52.6044



47.9947, 49.8327, 51.3450



47.3897, 49.8327, 50.8638

Triad

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



47.9947, 49.8327, 51.3450



46.1635, 49.8327, 54.1872



47.9507, 49.8327, 57.3567

Complementary

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



47.9947, 49.8327, 51.3450



47.1145, 50.1896, 57.6569

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.



47.3393, 49.8327, 57.8027



47.9947, 49.8327, 51.3450



46.3108, 49.8327, 55.9486

Square

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



47.9947, 49.8327, 51.3450



46.3356, 49.8327, 52.4822



46.7398, 49.8327, 57.2819



48.4084, 49.8327, 56.0762

Rectangle

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



47.9947, 49.8327, 51.3450



46.9750, 49.8327, 51.0408



46.7398, 49.8327, 57.2819



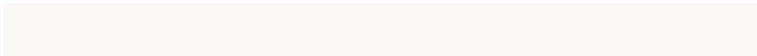
47.7562, 49.8327, 57.6105

Sweetspot

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



47.9961, 49.8349, 51.3461



89.0305, 93.2432, 99.6131



47.9225, 48.4747, 55.0609



19.1188, 20.0281, 21.4173



92.9021, 97.7402, 106.4391



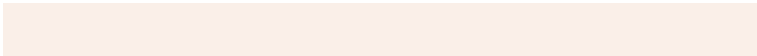
19.4759, 20.4902, 22.3138

Same Dimension

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



47.9961, 49.8349, 51.3461



84.8123, 87.7556, 89.1158



49.1436, 52.1299, 51.7286



10.5530, 10.9087, 11.0332



16.1645, 10.6147, 1.1969



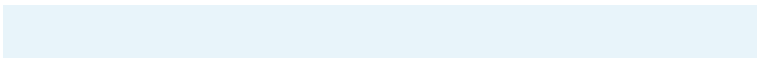
0.7643, 0.5904, 0.0737

Inverse Universe

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



47.1145, 50.1896, 57.6569



82.8610, 88.5405, 103.0831



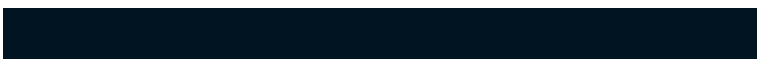
45.9856, 47.9318, 57.2806



10.2967, 11.0118, 12.8676



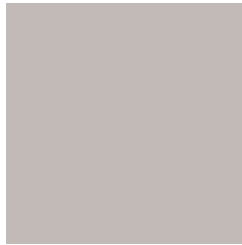
11.1710, 12.0986, 35.3031



0.5463, 0.6501, 1.5466

Previews

White Background



This preview shows how the XYZ color 47.9947, 49.8327, 51.3450 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 47.9947, 49.8327, 51.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

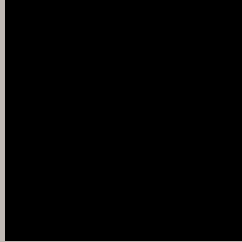
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9947, 49.8327, 51.3450

Background



This preview shows how black text looks on a background with the XYZ color 47.9947, 49.8327, 51.3450.

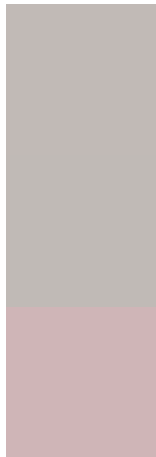


This preview shows how white text looks on a background with the XYZ color 47.9947, 49.8327,

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

47.9947, 49.8327, 51.3450

Protanopia

47.7406, 49.7017, 51.3332

Deuteranopia

50.8032, 49.7320, 51.7214



Tritanopia

49.8392, 49.9603, 60.4426

Trichromacy



Original Color

47.9947, 49.8327, 51.3450

Protanomaly

47.7406, 49.7017, 51.3332

Deuteranomaly

49.8379, 49.8424, 51.7936

Tritanomaly

49.1115, 49.9730, 56.9265

Monochromacy



Original Color

47.9947, 49.8327, 51.3450

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8685, 50.0330, 53.5888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9947, 49.8327, 51.3450 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(193, 186, 182) looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 182)  
}
```

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(193, 186, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.9947, 49.8327, 51.3450 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(193, 186, 182) }
```


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

```
.border{ border-color:rgb(193, 186, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 182);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9947, 49.8327, 51.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 182) }
```

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

```
.background{ background-color: rgb(193,  
186, 182) }
```

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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