

Converting Colors

XYZ(47.2571, 49.4767, 47.6841)

Have a look what the booklet for
XYZ(47.2571, 49.4767, 47.6841)
contains.

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Color

**XYZ(47.2891, 49.5504,
47.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BAAF
RGB	193, 186, 175
RGB Percent	76%, 73%, 69%
CMY	0.2431, 0.2706, 0.3137
CMYK	0.00, 0.04, 0.09, 0.24
HSL	37°, 13%, 72%
HSV	37°, 9%, 76%
XYZ	47.2891, 49.5504, 47.6292
YIQ	186.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

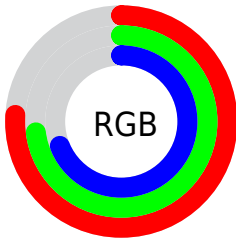
Format	Color
RYB	186, 193, 175
Decimal	12696239
CIELab	75.79, 0.54, 6.44
CIELCh	76, 6.464, 85.212
Yxy	49.5504, 0.3273, 0.3430
Android (android.graphics.Color)	4290886319 (0xFFC1BAAF)
YUV	186.8390, -5.8366, 5.4032
Hunter-Lab	70.3920, -3.2705, 9.1572

Details

The XYZ color **47.2891, 49.5504, 47.6292** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0327, 46.4194, 57.0917**, and the grayscale version is **47.1733, 49.6300, 54.0470**.

A 20% lighter version of the original color is **85.2429, 89.4135, 88.3671**, and **22.6101, 23.6941, 22.1206** is the 20% darker color. If you saturate the color by 10%, you get **43.9887, 45.7691, 37.8359**, and if you desaturate by 10%, it is **50.9462, 53.6104, 58.8793**.

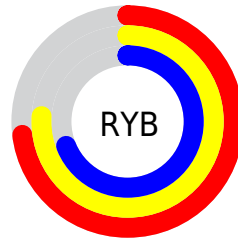
Distribution



Red (76%)

Green (73%)

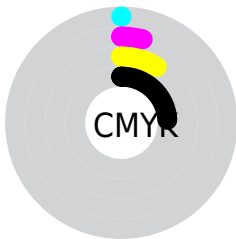
Blue (69%)



Red (73%)

Yellow (76%)

Blue (69%)

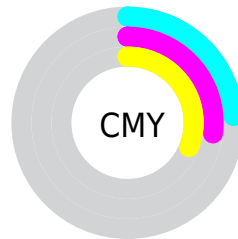


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2891, 49.5504, 47.6292 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 47.2891, 49.5504, 47.6292 by changing the saturation by 10% instead.

■ 47.2891, 49.5504,
47.6292

■ 47.2891, 49.5504,
47.6292

366.5970,
384.9051, 393.7867

■ 33.4732, 35.0563,
33.1754

■ 85.3611, 89.5084,
88.0119

■ 22.6501, 23.7062,
21.9887

110.3479,
115.7410, 114.7778

■ 14.4547, 15.1159,
13.6503

139.7890,
146.6553, 146.4849

■ 8.5214, 8.9007,
7.7419

174.0498,
182.6356, 183.5518

■ 4.4849, 4.6765,
3.8448

213.4957,
224.0664, 226.3968

■ 1.9800, 2.0587,
1.5406

258.4919,

■ 0.6227, 0.6413,

271.3319, 275.4386

0.2479

309.4039,
324.8167, 331.0957

■ 0.0000, 0.0000,
0.0000

■ 47.2891, 49.5504,
47.6292

■ 47.2891, 49.5504,
47.6292

■ 43.9887, 45.7691,
37.8359

■ 50.9462, 53.6104,
58.8793

■ 41.0282, 42.2528,
29.4355

■ 54.9679, 57.9494,
71.6401

■ 38.3954, 38.9964,
22.3642

■ 59.3669, 62.5760,
85.9666

■ 36.0758, 35.9918,
16.5518

■ 64.1542, 67.4965,
101.9100

■ 34.0536, 33.2305,
11.9215

■ 66.5677, 71.6079,
104.9209

■ 32.3112, 30.7034,
8.3884

■ 68.6228, 75.7181,
105.6060

■ 30.8290, 28.4002,
5.8556

■ 70.7679, 80.0083,
106.3210

■ 29.5839, 26.3095,
4.2092

■ 73.0041, 84.4807,
107.0664

■ 28.5358, 24.4127,
3.2455

■ 75.3325, 89.1375,
107.8426

Harmonies

Analogous

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



48.4254, 49.5504, 48.7032



47.2891, 49.5504, 47.6292



46.1198, 49.5504, 48.1896

Triad

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



47.2891, 49.5504, 47.6292



45.0386, 49.5504, 56.8170



49.0173, 49.5504, 57.8120

Complementary

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



47.2891, 49.5504, 47.6292



44.0327, 46.4194, 57.0917

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.



48.0862, 49.5504, 60.1563



47.2891, 49.5504, 47.6292



45.7915, 49.5504, 59.5649

Square

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



47.2891, 49.5504, 47.6292



44.8333, 49.5504, 53.4021



46.9038, 49.5504, 60.8109



49.4339, 49.5504, 54.5056

Rectangle

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



47.2891, 49.5504, 47.6292



45.4770, 49.5504, 49.4278



46.9038, 49.5504, 60.8109



48.7533, 49.5504, 58.7441

Sweetspot

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



47.2905, 49.5526, 47.6303



88.7326, 93.2535, 97.6451



45.7871, 45.3838, 50.7118



18.9213, 19.8788, 20.5938



92.9021, 97.7402, 106.4391



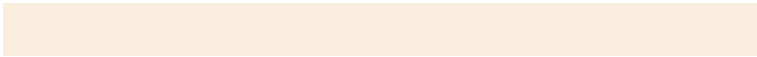
19.4759, 20.4902, 22.3138

Same Dimension

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



47.2905, 49.5526, 47.6303



83.5581, 87.4606, 81.8740



48.3446, 52.3380, 48.1123



10.5741, 11.0796, 10.6431



19.0145, 16.3148, 2.1469



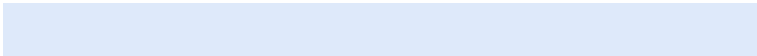
0.8869, 0.8355, 0.1145

Inverse Universe

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



44.0327, 46.4194, 57.0917



76.6559, 80.8225, 101.9204



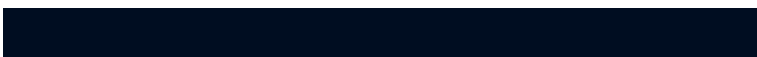
43.0422, 43.8346, 56.6450



9.8422, 10.3757, 12.7688



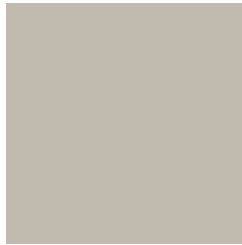
8.1490, 6.0545, 34.2958



0.4191, 0.3956, 1.5041

Previews

White Background



This preview shows how the XYZ color 47.2891, 49.5504, 47.6292 looks on a white background.

Color Contrast Check

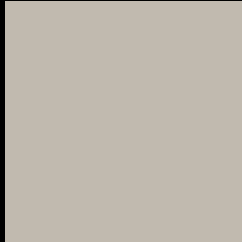
Large Text (above 18pt) WCAG AA × Fail

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 47.2891, 49.5504, 47.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

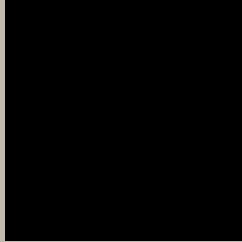
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

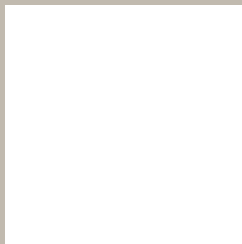
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2891, 49.5504, 47.6292

Background



This preview shows how black text looks on a background with the XYZ color 47.2891, 49.5504, 47.6292.

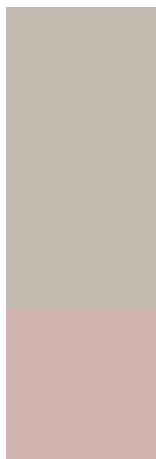


This preview shows how white text looks on a background with the XYZ color 47.2891, 49.5504,

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

47.2891, 49.5504, 47.6292

Protanopia

47.2891, 49.5504, 47.6292

Deuteranopia

50.4522, 49.3324, 47.9373



Tritanopia

49.7765, 49.6340, 59.7801

Trichromacy



Original Color

47.2891, 49.5504, 47.6292

Protanomaly

47.2891, 49.5504, 47.6292

Deuteranomaly

49.1930, 49.2870, 47.9949

Tritanomaly

48.8315, 49.5572, 55.1359

Monochromacy



Original Color

47.2891, 49.5504, 47.6292

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3038, 49.7784, 51.9148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2891, 49.5504, 47.6292 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 175) }
```

Border

The CSS property to change the border of an element to XYZ 47.2891, 49.5504, 47.6292 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, 175) }
```


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

```
.border{ border-color:rgb(193, 186, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2891, 49.5504, 47.6292 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, 175) }
```

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

```
.background{ background-color: rgb(193,  
186, 175) }
```

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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