

Converting Colors

XYZ(51.4856, 47.6686, 52.1753)

Have a look what the booklet for
XYZ(51.4856, 47.6686, 52.1753)
contains.

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Color

**XYZ(51.4321, 47.6861,
52.3925)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ADB9
RGB	214, 173, 185
RGB Percent	84%, 68%, 73%
CMY	0.1608, 0.3215, 0.2745
CMYK	0.00, 0.19, 0.14, 0.16
HSL	342°, 33%, 76%
HSV	342°, 19%, 84%
XYZ	51.4321, 47.6861, 52.3925
YIQ	186.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

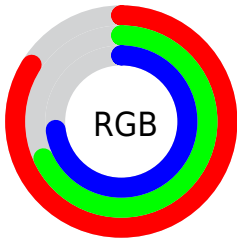
Format	Color
RYB	214, 173, 185
Decimal	14069177
CIELab	74.63, 16.81, -0.47
CIELCh	75, 16.820, 358.397
Yxy	47.6861, 0.3395, 0.3147
Android (android.graphics.Color)	4292259257 (0xFFD6ADB9)
YUV	186.6270, -0.8021, 24.0061
Hunter-Lab	69.0551, 12.0999, 3.3549

Details

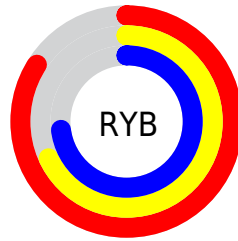
The XYZ color **51.4321, 47.6861, 52.3925** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9428, 61.2429, 64.9635**, and the grayscale version is **47.0214, 49.4702, 53.8730**.

A 20% lighter version of the original color is **85.1365, 83.6495, 94.8779**, and **25.1794, 22.4698, 24.8398** is the 20% darker color. If you saturate the color by 10%, you get **46.1388, 39.5219, 43.1590**, and if you desaturate by 10%, it is **57.5555, 57.2372, 62.7433**.

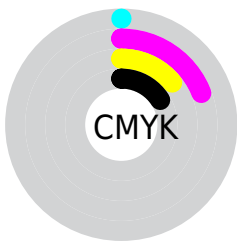
Distribution



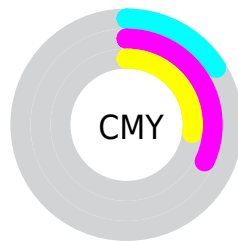
- Red (84%)
- Green (68%)
- Blue (73%)



- Red (84%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4321, 47.6861, 52.3925 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 51.4321, 47.6861, 52.3925 by changing the saturation by 10% instead.


 51.4321, 47.6861,
52.3925

 51.4321, 47.6861,
52.3925


382.6003,
377.5466, 412.9500

 36.7750, 33.5784,
36.9336


 91.4724, 86.7369,
95.1423

 25.2062, 22.5699,
24.8607


117.5863,
112.4487, 123.2703

 16.3603, 14.2762,
15.7552

148.2499,
142.7973, 156.4585

 9.8720, 8.3130,
9.1986

183.8285,
178.1671, 195.1253

 5.3758, 4.2959,
4.7724

224.6875,
218.9426, 239.6893

 2.5064, 1.8404,
2.0580

271.1922,

 0.8985, 0.5122,

265.5081, 290.5691

0.5906

323.7081,
318.2479, 348.1831

■ 0.0000, 0.0000,
0.0000

■ 51.4321, 47.6861,
52.3925

■ 51.4321, 47.6861,
52.3925

■ 46.1388, 39.5219,
43.1590

■ 57.5555, 57.2372,
62.7433

■ 41.6350, 32.6735,
35.0016

■ 64.5393, 68.2289,
74.2449

■ 37.8829, 27.0733,
27.8806

■ 72.4169, 80.7202,
86.9329

■ 34.8394, 22.6450,
21.7526

■ 80.0579, 92.4427,
100.4536

■ 32.4574, 19.3041,
16.5712

■ 81.5418, 93.0363,
108.2678

■ 30.6833, 16.9543,
12.2856

■ 29.4548, 15.4822,
8.8397

■ 28.6738, 14.7044,
6.1620

■ 28.6184, 14.6509,
5.9667

Harmonies

Analogous

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



50.4957, 47.6861, 61.2136



51.4321, 47.6861, 52.3925



50.6719, 47.6861, 44.3491

Triad

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



51.4321, 47.6861, 52.3925



42.5965, 47.6861, 38.5249



42.3249, 47.6861, 67.5521

Complementary

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



51.4321, 47.6861, 52.3925



51.9428, 61.2429, 64.9635

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.



40.3666, 47.6861, 60.3115



51.4321, 47.6861, 52.3925



40.5184, 47.6861, 43.6218

Square

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



51.4321, 47.6861, 52.3925



45.4882, 47.6861, 36.9001



39.7201, 47.6861, 51.4544



45.1606, 47.6861, 70.5510

Rectangle

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



51.4321, 47.6861, 52.3925



49.3237, 47.6861, 40.3662



39.7201, 47.6861, 51.4544



41.5470, 47.6861, 65.4964

Sweetspot

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



51.4334, 47.6882, 52.3935



88.6679, 89.9461, 98.4170



51.3589, 47.2593, 70.0339



18.8361, 19.0283, 20.8293



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.



51.4334, 47.6882, 52.3935



73.1343, 65.7281, 72.1242



51.8406, 50.4445, 46.5423



12.5712, 12.4800, 13.6824



17.3375, 8.8713, 3.8154



1.0816, 0.5494, 0.4192

Inverse Universe

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



51.4334, 47.6882, 52.3935



73.1343, 65.7281, 72.1242



51.3960, 57.7871, 72.0640



12.5712, 12.4800, 13.6824



17.3375, 8.8713, 3.8154



1.0816, 0.5494, 0.4192

Previews

White Background



This preview shows how the XYZ color 51.4321, 47.6861, 52.3925 looks on a white background.

Color Contrast Check

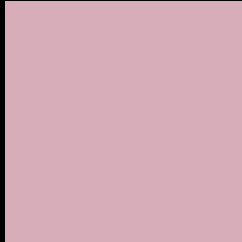
Large Text (above 18pt) WCAG AA × Fail

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 51.4321, 47.6861, 52.3925 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 51.4321, 47.6861, 52.3925

Background



This preview shows how black text looks on a background with the XYZ color 51.4321, 47.6861, 52.3925.



This preview shows how white text looks on a background with the XYZ color 51.4321, 47.6861,

52.3925.

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

51.4321, 47.6861, 52.3925

Protanopia

46.3450, 47.9428, 56.1015

Deuteranopia

48.6595, 47.7190, 51.9935



Tritanopia

51.5381, 47.7285, 52.9505

Trichromacy



Original Color

51.4321, 47.6861, 52.3925

Protanomaly

48.0704, 47.6501, 54.8079

Deuteranomaly

49.6307, 47.6332, 51.9257

Tritanomaly

51.5381, 47.7285, 52.9505

Monochromacy



Original Color

51.4321, 47.6861, 52.3925

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6168, 48.8714, 53.3251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4321, 47.6861, 52.3925 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(214, 173, 185) looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 185)  
}
```

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(214, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 185) }
```

Border

The CSS property to change the border of an element to XYZ 51.4321, 47.6861, 52.3925 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(214, 173, 185) }
```


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

```
.border{ border-color:rgb(214, 173, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4321, 47.6861, 52.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 185) }
```

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

```
.background{ background-color: rgb(214,  
173, 185) }
```

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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