

Converting Colors

XYZ(52.2921, 47.2574, 51.9392)

Have a look what the booklet for
XYZ(52.2921, 47.2574, 51.9392)
contains.

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Color

**XYZ(52.2399, 47.2702,
51.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAAB8
RGB	219, 170, 184
RGB Percent	86%, 67%, 72%
CMY	0.1412, 0.3333, 0.2784
CMYK	0.00, 0.22, 0.16, 0.14
HSL	343°, 40%, 76%
HSV	343°, 22%, 86%
XYZ	52.2399, 47.2702, 51.7181
YIQ	186.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

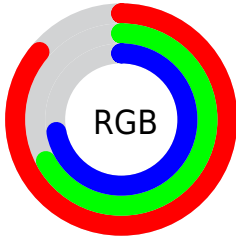
Format	Color
R _Y B	219, 170, 184
Decimal	14396088
CIE Lab	74.36, 20.07, -0.25
CIE LCh	74, 20.076, 359.284
Yxy	47.2702, 0.3454, 0.3126
Android (android.graphics.Color)	4292586168 (0xFFDBAAB8)
YUV	186.2470, -1.1078, 28.7244
Hunter-Lab	68.7533, 15.3089, 3.5278

Details

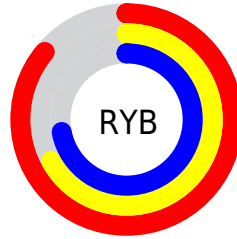
The XYZ color **52.2399, 47.2702, 51.7181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9305, 63.6181, 67.2505**, and the grayscale version is **46.8080, 49.2456, 53.6285**.

A 20% lighter version of the original color is **83.8934, 81.4017, 93.7285**, and **25.6794, 22.3821, 24.4395** is the 20% darker color. If you saturate the color by 10%, you get **46.9213, 39.1135, 42.2970**, and if you desaturate by 10%, it is **58.4264, 56.8715, 62.3244**.

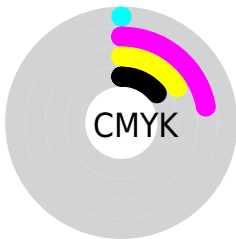
Distribution



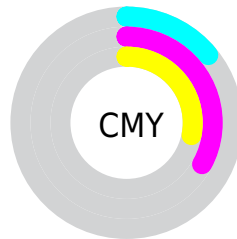
- Red (86%)
- Green (67%)
- Blue (72%)



- Red (86%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (14%)





- Cyan (14%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2399, 47.2702, 51.7181 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 52.2399, 47.2702, 51.7181 by changing the saturation by 10% instead.


 52.2399, 47.2702,
51.7181

 52.2399, 47.2702,
51.7181

385.6708,
375.8920, 410.2733

 37.4214, 33.2493,
36.3997


 92.6571, 86.1168,
94.1377

 25.7091, 22.3175,
24.4509

118.9864,
111.7113, 122.0760

 16.7377, 14.0904,
15.4532


149.8835,
141.9325, 155.0581

 10.1418, 8.1836,
8.9879

185.7135,
177.1647, 193.5024

 5.5560, 4.2126,
4.6366

226.8419,
217.7924, 237.8276

 2.6151, 1.7932,
1.9807

273.6340,

 0.9537, 0.4829,

264.1999, 288.4521

0.5434

326.4552,
316.7716, 345.7945

■ 0.0000, 0.0000,
0.0000

■ 52.2399, 47.2702,
51.7181

■ 52.2399, 47.2702,
51.7181

■ 46.9213, 39.1135,
42.2970

■ 58.4264, 56.8715,
62.3244

■ 42.4268, 32.3248,
34.0159

■ 65.5140, 67.9761,
74.1529

■ 38.7150, 26.8304,
26.8310

■ 73.5388, 80.6474,
87.2428

■ 35.7389, 22.5469,
20.6943

■ 81.6971, 93.2696,
101.3515

■ 33.4462, 19.3811,
15.5539

■ 83.0237, 93.8002,
108.3372

■ 31.7775, 17.2259,
11.3533

■ 30.6623, 15.9531,
8.0289

■ 30.0986, 15.4142,
6.0271

Harmonies

Analogous

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



51.1702, 47.2702, 62.3155



52.2399, 47.2702, 51.7181



51.2649, 47.2702, 42.3374

Triad

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



52.2399, 47.2702, 51.7181



41.6156, 47.2702, 35.9926



41.4730, 47.2702, 70.5396

Complementary

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



52.2399, 47.2702, 51.7181



52.9305, 63.6181, 67.2505

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.



39.1377, 47.2702, 61.8279



52.2399, 47.2702, 51.7181



39.2169, 47.2702, 41.9607

Square

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



52.2399, 47.2702, 51.7181



45.0157, 47.2702, 34.0274



38.3340, 47.2702, 51.2211



44.8422, 47.2702, 74.0379

Rectangle

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



52.2399, 47.2702, 51.7181



49.6148, 47.2702, 37.8134



38.3340, 47.2702, 51.2211



40.5478, 47.2702, 68.0709

Sweetspot

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



52.2412, 47.2723, 51.7191



87.6321, 88.3410, 96.6334



52.1468, 46.7460, 73.2929



18.6265, 18.7044, 20.4660



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.



52.2412, 47.2723, 51.7191



69.9489, 60.8884, 66.3422



52.7517, 50.5263, 45.0050



13.2082, 13.1124, 14.3577



17.8879, 9.1562, 3.7896



1.1956, 0.6079, 0.4389

Inverse Universe

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



52.2412, 47.2723, 51.7191



69.9489, 60.8884, 66.3422



52.2150, 59.3611, 75.7243



13.2082, 13.1124, 14.3577



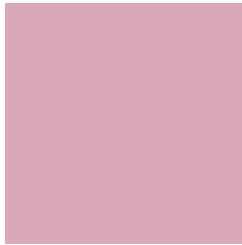
17.8879, 9.1562, 3.7896



1.1956, 0.6079, 0.4389

Previews

White Background



This preview shows how the XYZ color 52.2399, 47.2702, 51.7181 looks on a white background.

Color Contrast Check

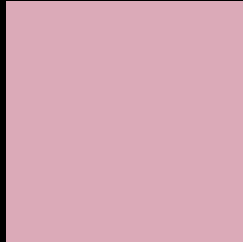
Large Text (above 18pt) WCAG AA × Fail

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 52.2399, 47.2702, 51.7181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

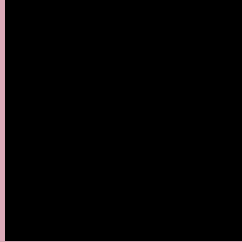
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2399, 47.2702, 51.7181

Background



This preview shows how black text looks on a background with the XYZ color 52.2399, 47.2702, 51.7181.



This preview shows how white text looks on a background with the XYZ color 52.2399, 47.2702,

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

52.2399, 47.2702, 51.7181

Protanopia

45.8991, 47.4078, 56.0217

Deuteranopia

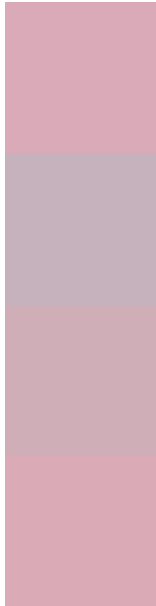
48.3568, 47.2807, 51.3772



Tritanopia

52.1354, 47.2284, 51.1679

Trichromacy



Original Color

52.2399, 47.2702, 51.7181

Protanomaly

48.0235, 47.3419, 54.1838

Deuteranomaly

49.6957, 47.1009, 51.2719

Tritanomaly

52.1354, 47.2284, 51.1679

Monochromacy



Original Color

52.2399, 47.2702, 51.7181

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.3669, 48.1511, 52.6438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2399, 47.2702, 51.7181 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(219, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(219, 170, 184)  
}
```

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(219, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 170, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.2399, 47.2702, 51.7181 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(219, 170, 184) }
```


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

```
.border{ border-color:rgb(219, 170, 184) }
```

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

Here you see how a box with a 4 pixel rgb(219, 170, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(219, 170,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2399, 47.2702, 51.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 170, 184) }
```

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

```
.background{ background-color: rgb(219,  
170, 184) }
```

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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