

Converting Colors

XYZ(52.1212, 47.4867, 51.7646)

Have a look what the booklet for
XYZ(52.1212, 47.4867, 51.7646)
contains.

XYZ(52.1281, 47.4919, 51.7668)	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(52.1281, 47.4919,
51.7668)**

Conversions

Conversions Part 1

Format	Color
Hex	DAABB8
RGB	218, 171, 184
RGB Percent	85%, 67%, 72%
CMY	0.1451, 0.3294, 0.2784
CMYK	0.00, 0.22, 0.16, 0.15
HSL	343°, 39%, 76%
HSV	343°, 22%, 85%
XYZ	52.1281, 47.4919, 51.7668
YIQ	186.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

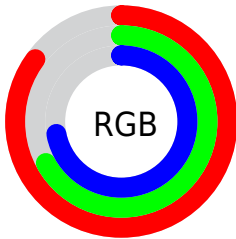
Format	Color
RYB	218, 171, 184
Decimal	14330808
CIELab	74.50, 19.17, -0.06
CIELCh	75, 19.174, 359.831
Yxy	47.4919, 0.3443, 0.3137
Android (android.graphics.Color)	4292520888 (0xFFDAABB8)
YUV	186.5350, -1.2498, 27.5948
Hunter-Lab	68.9144, 14.4206, 3.7028

Details

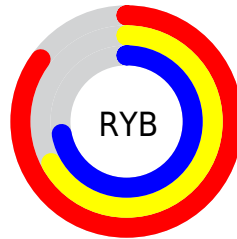
The XYZ color **52.1281, 47.4919, 51.7668** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8874, 63.2098, 67.1739**, and the grayscale version is **46.9708, 49.4169, 53.8150**.

A 20% lighter version of the original color is **84.4373, 82.4894, 93.9098**, and **25.5939, 22.5137, 24.4694** is the 20% darker color. If you saturate the color by 10%, you get **46.7829, 39.3011, 42.2782**, and if you desaturate by 10%, it is **58.3394, 57.1189, 62.4547**.

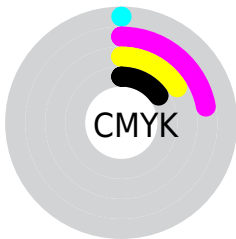
Distribution



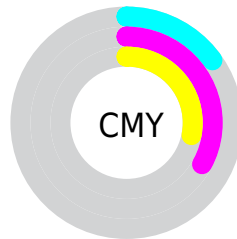
- Red (85%)
- Green (67%)
- Blue (72%)



- Red (85%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (15%)



- Cyan (15%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1281, 47.4919, 51.7668 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 52.1281, 47.4919, 51.7668 by changing the saturation by 10% instead.

■ 52.1281, 47.4919,
51.7668

■ 52.1281, 47.4919,
51.7668

385.2468,
376.7746, 410.4670

■ 37.3319, 33.4247,
36.4383

■ 92.4932, 86.4474,
94.2103

■ 25.6394, 22.4520,
24.4805

118.7929,
112.1045, 122.1624

■ 16.6853, 14.1894,
15.4749

149.6577,
142.3937, 155.1593

■ 10.1043, 8.2525,
9.0031

185.4530,
177.6993, 193.6198

■ 5.5310, 4.2569,
4.6463

226.5442,
218.4058, 237.9622

■ 2.6000, 1.8183,
1.9862

273.2967,

■ 0.9459, 0.4985,

264.8976, 288.6052

0.5468

326.0758,
317.5591, 345.9673

■ 0.0000, 0.0000,
0.0000

■ 52.1281, 47.4919,
51.7668

■ 52.1281, 47.4919,
51.7668

■ 46.7829, 39.3011,
42.2782

■ 58.3394, 57.1189,
62.4547

■ 42.2606, 32.4712,
33.9430

■ 65.4496, 68.2400,
74.3794

■ 38.5200, 26.9295,
26.7169

■ 73.4945, 80.9176,
87.5805

■ 35.5149, 22.5943,
20.5511

■ 81.4757, 93.1464,
101.7513

■ 33.1938, 19.3742,
15.3934

■ 82.7237, 93.6456,
108.3231

■ 31.4982, 17.1645,
11.1862

■ 30.3592, 15.8404,
7.8656

■ 29.7369, 15.2348,
5.6879

Harmonies

Analogous

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



51.1420, 47.4919, 61.8941



52.1281, 47.4919, 51.7668



51.1634, 47.4919, 42.7960

Triad

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



52.1281, 47.4919, 51.7668



41.9089, 47.4919, 36.8743



41.8766, 47.4919, 70.0036

Complementary

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



52.1281, 47.4919, 51.7668



52.8874, 63.2098, 67.1739

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.



39.6083, 47.4919, 61.7845



52.1281, 47.4919, 51.7668



39.6263, 47.4919, 42.7103

Square

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



52.1281, 47.4919, 51.7668



45.1592, 47.4919, 34.8948



38.8054, 47.4919, 51.6545



45.1200, 47.4919, 73.2110

Rectangle

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



52.1281, 47.4919, 51.7668



49.5706, 47.4919, 38.4692



38.8054, 47.4919, 51.6545



40.9809, 47.4919, 67.6875

Sweetspot

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



52.1294, 47.4941, 51.7678



88.6305, 89.9311, 98.2202



52.3090, 47.1242, 72.6692



18.8272, 19.0248, 20.7829



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.



52.1294, 47.4941, 51.7678



70.6398, 62.0329, 67.3040



52.8269, 50.9701, 45.5846



13.2033, 13.1104, 14.3316



17.8547, 9.1429, 3.6148



1.1929, 0.6068, 0.4247

Inverse Universe

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



52.1294, 47.4941, 51.7678



70.6398, 62.0329, 67.3040



51.9623, 58.7438, 74.9303



13.2033, 13.1104, 14.3316



17.8547, 9.1429, 3.6148



1.1929, 0.6068, 0.4247

Previews

White Background



This preview shows how the XYZ color 52.1281, 47.4919, 51.7668 looks on a white background.

Color Contrast Check

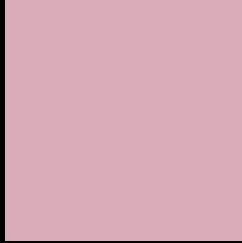
Large Text (above 18pt) WCAG AA × Fail

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 52.1281, 47.4919, 51.7668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

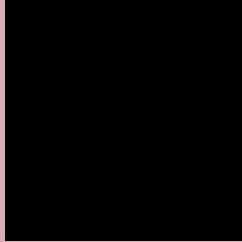
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1281, 47.4919, 51.7668

Background



This preview shows how black text looks on a background with the XYZ color 52.1281, 47.4919, 51.7668.



This preview shows how white text looks on a background with the XYZ color 52.1281, 47.4919,

51.7668.

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

52.1281, 47.4919, 51.7668

Protanopia

46.3450, 47.9428, 56.1015

Deuteranopia

48.5550, 47.6772, 51.4432



Tritanopia

52.1281, 47.4919, 51.7668

Trichromacy



Original Color

52.1281, 47.4919, 51.7668

Protanomaly

48.2232, 47.7414, 54.2503

Deuteranomaly

49.6093, 47.3442, 51.3234

Tritanomaly

52.1281, 47.4919, 51.7668

Monochromacy



Original Color

52.1281, 47.4919, 51.7668

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6755, 48.5987, 53.2694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1281, 47.4919, 51.7668 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(218, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(218, 171, 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(218, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 171, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.1281, 47.4919, 51.7668 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(218, 171, 184) }
```


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

```
.border{ border-color:rgb(218, 171, 184) }
```

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

Here you see how a box with a 4 pixel rgb(218, 171, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(218, 171,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1281, 47.4919, 51.7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 171, 184) }
```

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

```
.background{ background-color: rgb(218,  
171, 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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