

Converting Colors

XYZ(52.2051, 47.9227, 51.5079)

Have a look what the booklet for
XYZ(52.2051, 47.9227, 51.5079)
contains.

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Color

**XYZ(52.2132, 47.8294,
51.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	DAACB7
RGB	218, 172, 183
RGB Percent	85%, 67%, 72%
CMY	0.1451, 0.3255, 0.2823
CMYK	0.00, 0.21, 0.16, 0.15
HSL	346°, 38%, 76%
HSV	346°, 21%, 85%
XYZ	52.2132, 47.8294, 51.2798
YIQ	187.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

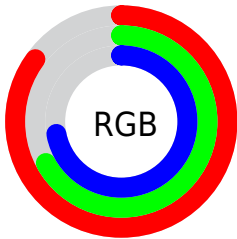
Format	Color
R _Y B	218, 172, 183
Decimal	14331063
CIE Lab	74.72, 18.47, 0.80
CIE LCh	75, 18.492, 2.490
Yxy	47.8294, 0.3450, 0.3161
Android (android.graphics.Color)	4292521143 (0xFFDAACB7)
YUV	187.0080, -1.9759, 27.1800
Hunter-Lab	69.1588, 13.7352, 4.4489

Details

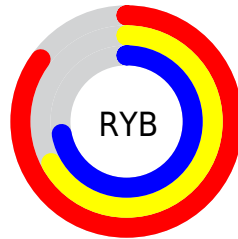
The XYZ color **52.2132, 47.8294, 51.2798** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3491, 63.4196, 68.4640**, and the grayscale version is **47.2411, 49.7013, 54.1247**.

A 20% lighter version of the original color is **84.5634, 82.9788, 93.2209**, and **25.5264, 22.4867, 24.1141** is the 20% darker color. If you saturate the color by 10%, you get **46.7736, 39.5522, 41.4443**, and if you desaturate by 10%, it is **58.5396, 57.5535, 62.4160**.

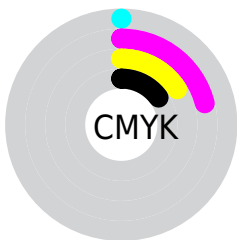
Distribution



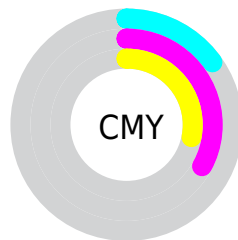
- Red (85%)
- Green (67%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (15%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2132, 47.8294, 51.2798 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 52.2132, 47.8294, 51.2798 by changing the saturation by 10% instead.


 52.2132, 47.8294,
51.2798

 52.2132, 47.8294,
51.2798


385.5696,
378.1155, 408.5274

 37.4000, 33.6918,
36.0531

 92.6180, 86.9503,
93.4840

 25.6924, 22.6569,
24.1852


118.9402,
112.7025, 121.2985

 16.7252, 14.3404,
15.2576


149.8295,
143.0949, 154.1460

 10.1328, 8.3578,
8.8517

185.6513,
178.5121, 192.4450

 5.5501, 4.3247,
4.5491

226.7708,
219.3383, 236.6142

 2.6115, 1.8568,
1.9312

273.5535,

 0.9518, 0.5222,

265.9580, 287.0719

0.5125

326.3646,
318.7556, 344.2368

■ 0.0000, 0.0000,
0.0000

■ 52.2132, 47.8294,
51.2798

■ 52.2132, 47.8294,
51.2798

■ 46.7736, 39.5522,
41.4443

■ 58.5396, 57.5535,
62.4160

■ 42.1766, 32.6462,
32.8584

■ 65.7863, 68.7824,
74.8956

■ 38.3802, 27.0388,
25.4719

■ 73.9900, 81.5789,
88.7627

■ 35.3370, 22.6480,
19.2301

■ 81.8280, 93.2873,
103.6066

■ 32.9945, 19.3823,
14.0737

■ 82.7236, 93.6455,
108.3231

■ 31.2932, 17.1374,
9.9377

■ 30.1630, 15.7889,
6.7494

■ 29.5361, 15.1545,
4.6309

Harmonies

Analogous

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



51.4241, 47.8294, 61.0845



52.2132, 47.8294, 51.2798



51.1205, 47.8294, 42.7730

Triad

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



52.2132, 47.8294, 51.2798



42.0833, 47.8294, 37.9998



42.5459, 47.8294, 70.2387

Complementary

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



52.2132, 47.8294, 51.2798



53.3491, 63.4196, 68.4640

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.



40.2343, 47.8294, 62.6434



52.2132, 47.8294, 51.2798



39.9766, 47.8294, 44.0035

Square

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



52.2132, 47.8294, 51.2798



45.1808, 47.8294, 35.7181



39.3165, 47.8294, 52.8846



45.7412, 47.8294, 72.7975

Rectangle

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



52.2132, 47.8294, 51.2798



49.5018, 47.8294, 38.7570



39.3165, 47.8294, 52.8846



41.6452, 47.8294, 68.1474

Sweetspot

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



52.2145, 47.8316, 51.2808



88.5436, 89.8964, 97.7625



53.0017, 47.7628, 72.7557



18.8068, 19.0166, 20.6750



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.



52.2145, 47.8316, 51.2808



71.1256, 63.1108, 67.1382



53.3982, 51.9596, 46.2473



13.1830, 13.1023, 14.2249



17.7304, 9.0932, 2.9602



1.1825, 0.6026, 0.3698

Inverse Universe

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



52.2145, 47.8316, 51.2808



71.1256, 63.1108, 67.1382



51.8617, 58.2179, 74.8339



13.1830, 13.1023, 14.2249



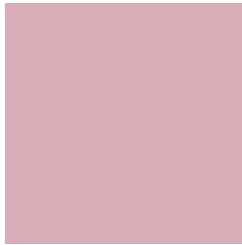
17.7304, 9.0932, 2.9602



1.1825, 0.6026, 0.3698

Previews

White Background



This preview shows how the XYZ color 52.2132, 47.8294, 51.2798 looks on a white background.

Color Contrast Check

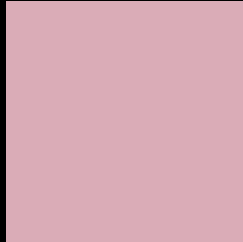
Large Text (above 18pt) WCAG AA × Fail

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 52.2132, 47.8294, 51.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

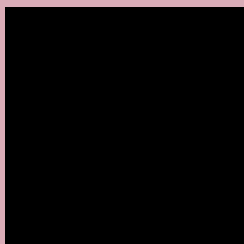
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2132, 47.8294, 51.2798

Background



This preview shows how black text looks on a background with the XYZ color 52.2132, 47.8294, 51.2798.



This preview shows how white text looks on a background with the XYZ color 52.2132, 47.8294,

51.2798.

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

52.2132, 47.8294, 51.2798

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

48.9925, 47.9147, 50.9222



Tritanopia

52.4229, 47.9133, 52.3841

Trichromacy



Original Color

52.2132, 47.8294, 51.2798

Protanomaly

48.3784, 47.8338, 53.6967

Deuteranomaly

49.9813, 47.8380, 50.8553

Tritanomaly

52.3177, 47.8712, 51.8300

Monochromacy



Original Color

52.2132, 47.8294, 51.2798

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.8796, 49.0068, 53.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2132, 47.8294, 51.2798 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, 172, 183)` looks like.

```
.text, #text, p{  
    color:rgb(218, 172, 183)  
}
```

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, 172, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 172, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.2132, 47.8294, 51.2798 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, 172, 183) }
```


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

```
.border{ border-color:rgb(218, 172, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 172, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 172, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 172, 183);  
box-shadow:4px 4px 4px 4px rgb(218, 172,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2132, 47.8294, 51.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 172, 183) }
```

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

```
.background{ background-color: rgb(218,  
172, 183) }
```

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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