

Converting Colors

XYZ(52.0698, 47.2899, 51.1482)

Have a look what the booklet for
XYZ(52.0698, 47.2899, 51.1482)
contains.

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Color

**XYZ(52.1354, 47.2284,
51.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAAB7
RGB	219, 170, 183
RGB Percent	86%, 67%, 72%
CMY	0.1412, 0.3333, 0.2823
CMYK	0.00, 0.22, 0.16, 0.14
HSL	344°, 40%, 76%
HSV	344°, 22%, 86%
XYZ	52.1354, 47.2284, 51.1679
YIQ	186.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

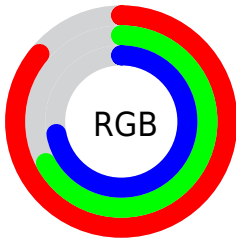
Format	Color
R_{YB}	219, 170, 183
Decimal	14396087
CIE _{Lab}	74.34, 19.92, 0.26
CIE _{LCh}	74, 19.917, 0.744
Yxy	47.2284, 0.3463, 0.3137
Android (android.graphics.Color)	4292586167 (0xFFDBAAB7)
YUV	186.1330, -1.5446, 28.8244
Hunter-Lab	68.7229, 15.1507, 3.9615

Details

The XYZ color **52.1354, 47.2284, 51.1679** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0516, 63.6666, 67.8884**, and the grayscale version is **46.7463, 49.1807, 53.5578**.

A 20% lighter version of the original color is **83.7452, 81.3424, 92.9482**, and **25.6120, 22.3551, 24.0842** is the 20% darker color. If you saturate the color by 10%, you get **46.7868, 39.0597, 41.5890**, and if you desaturate by 10%, it is **58.3620, 56.8457, 61.9853**.

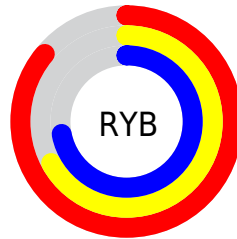
Distribution



Red (86%)

Green (67%)

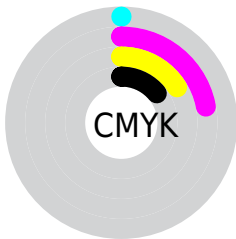
Blue (72%)



Red (86%)

Yellow (67%)

Blue (72%)

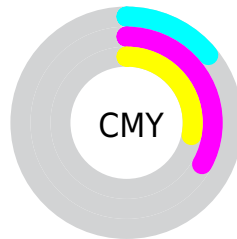


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (14%)



Cyan (14%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1354, 47.2284, 51.1679 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 52.1354, 47.2284, 51.1679 by changing the saturation by 10% instead.


 52.1354, 47.2284,
51.1679

 52.1354, 47.2284,
51.1679


385.2745,
375.7255, 408.0809

 37.3377, 33.2163,
35.9646

 92.5039, 86.0545,
93.3170

 25.6440, 22.2922,
24.1174


118.8055,
111.6371, 121.0998

 16.6887, 14.0717,
15.2077


149.6724,
141.8455, 153.9128

 10.1068, 8.1706,
8.8170

185.4700,
177.0638, 192.1747

 5.5326, 4.2043,
4.5269

226.5637,
217.6766, 236.3039

 2.6010, 1.7885,
1.9186

273.3187,

 0.9464, 0.4800,

264.0682, 286.7190

0.5045

326.1005,
316.6230, 343.8385

■ 0.0000, 0.0000,
0.0000

■ 52.1354, 47.2284,
51.1679

■ 52.1354, 47.2284,
51.1679

■ 46.7868, 39.0597,
41.5890

■ 58.3620, 56.8457,
61.9853

■ 42.2720, 32.2629,
33.2005

■ 65.5003, 67.9706,
74.0810

■ 38.5488, 26.7639,
25.9555

■ 73.5870, 80.6667,
87.4966

■ 35.5696, 22.4792,
19.8027

■ 81.8187, 93.3182,
101.9918

■ 33.2815, 19.3152,
14.6867

■ 83.0237, 93.8002,
108.3372

■ 31.6243, 17.1646,
10.5467

■ 30.5266, 15.8988,
7.3145

■ 29.9797, 15.3666,
5.4009

Harmonies

Analogous

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



51.1712, 47.2284, 61.6801



52.1354, 47.2284, 51.1679



51.0736, 47.2284, 41.9835

Triad

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



52.1354, 47.2284, 51.1679



41.4590, 47.2284, 36.2634



41.6062, 47.2284, 70.6271

Complementary

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



52.1354, 47.2284, 51.1679



53.0516, 63.6666, 67.8884

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.



39.2253, 47.2284, 62.1825



52.1354, 47.2284, 51.1679



39.1435, 47.2284, 42.3724

Square

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



52.1354, 47.2284, 51.1679



44.7998, 47.2284, 34.1121



38.3476, 47.2284, 51.6803



44.9787, 47.2284, 73.7801

Rectangle

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



52.1354, 47.2284, 51.1679



49.3907, 47.2284, 37.6104



38.3476, 47.2284, 51.6803



40.6698, 47.2284, 68.2623

Sweetspot

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



52.1367, 47.2305, 51.1689



87.5773, 88.3191, 96.3451



52.5976, 46.9785, 73.3139



18.6139, 18.6993, 20.3993



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.



52.1367, 47.2305, 51.1689



69.7791, 60.8205, 65.4481



53.0828, 51.1886, 45.1154



13.1971, 13.1080, 14.2994



17.8152, 9.1271, 3.4069



1.1896, 0.6055, 0.4076

Inverse Universe

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



52.1367, 47.2305, 51.1689



69.7791, 60.8205, 65.4481



51.8158, 58.5628, 75.5911



13.1971, 13.1080, 14.2994



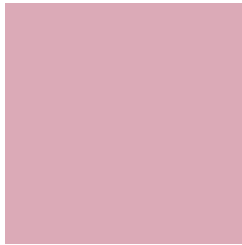
17.8152, 9.1271, 3.4069



1.1896, 0.6055, 0.4076

Previews

White Background



This preview shows how the XYZ color 52.1354, 47.2284, 51.1679 looks on a white background.

Color Contrast Check

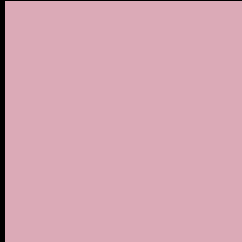
Large Text (above 18pt) WCAG AA × Fail

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 52.1354, 47.2284, 51.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

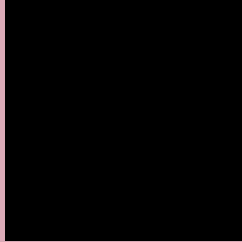
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1354, 47.2284, 51.1679

Background



This preview shows how black text looks on a background with the XYZ color 52.1354, 47.2284, 51.1679.



This preview shows how white text looks on a background with the XYZ color 52.1354, 47.2284,

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

52.1354, 47.2284, 51.1679

Protanopia

45.7894, 47.3639, 55.4440

Deuteranopia

48.2530, 47.2392, 50.8308



Tritanopia

52.1354, 47.2284, 51.1679

Trichromacy



Original Color

52.1354, 47.2284, 51.1679

Protanomaly

47.9160, 47.2990, 53.6179

Deuteranomaly

49.5920, 47.0594, 50.7256

Tritanomaly

52.1354, 47.2284, 51.1679

Monochromacy



Original Color

52.1354, 47.2284, 51.1679

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 52.1354, 47.2284, 51.1679 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 170, 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(219, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 170, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.1354, 47.2284, 51.1679 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, 183) }
```


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

```
.border{ border-color:rgb(219, 170, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(219, 170,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1354, 47.2284, 51.1679 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, 183) }
```

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

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