

Converting Colors

XYZ(52.2143, 46.9489, 62.5725)

Have a look what the booklet for
XYZ(52.2143, 46.9489, 62.5725)
contains.

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Color

**XYZ(52.3056, 47.0583,
62.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AACB
RGB	212, 170, 203
RGB Percent	83%, 67%, 80%
CMY	0.1686, 0.3333, 0.2039
CMYK	0.00, 0.20, 0.04, 0.17
HSL	313°, 33%, 75%
HSV	313°, 20%, 83%
XYZ	52.3056, 47.0583, 62.8263
YIQ	186.3200, 14.4390, 19.1670

Conversions

Conversions Part 2

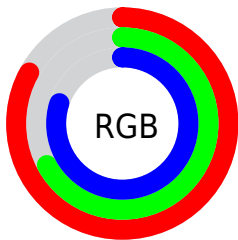
Format	Color
R _Y B	212, 170, 203
Decimal	13937355
CIE Lab	74.23, 20.83, -10.94
CIE LCh	74, 23.527, 332.290
Yxy	47.0583, 0.3225, 0.2901
Android (android.graphics.Color)	4292127435 (0xFFD4AACB)
YUV	186.3200, 8.2232, 22.5214
Hunter-Lab	68.5991, 16.0548, -6.2813

Details

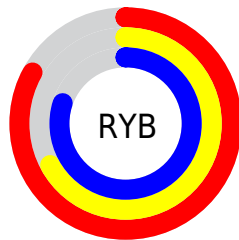
The XYZ color **52.3056, 47.0583, 62.8263** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.2596, 58.8890, 51.4736**, and the grayscale version is **46.8023, 49.2397, 53.6220**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **25.8079, 22.2949, 31.3769** is the 20% darker color. If you saturate the color by 10%, you get **48.1143, 39.5288, 58.7973**, and if you desaturate by 10%, it is **57.1565, 55.8800, 67.1545**.

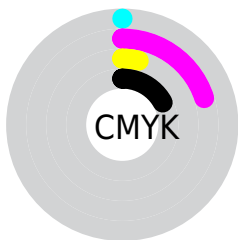
Distribution



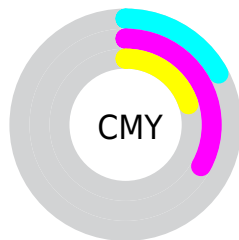
- Red (83%)
- Green (67%)
- Blue (80%)



- Red (83%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (17%)





- Cyan (17%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3056, 47.0583, 62.8263 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 52.3056, 47.0583, 62.8263 by changing the saturation by 10% instead.


 52.3056, 47.0583,
62.8263

 52.3056, 47.0583,
62.8263


385.9199,
375.0472, 453.0294

 37.4740, 33.0817,
45.2606

 92.7533, 85.8006,
110.5020

 25.7500, 22.1891,
31.3183


119.1002,
111.3352, 141.4491

 16.7684, 13.9959,
20.5809


150.0161,
141.4913, 177.6938

 10.1638, 8.1178,
12.6297

185.8665,
176.6531, 219.6546

 5.5708, 4.1704,
7.0464

227.0167,
217.2053, 267.7500

 2.6241, 1.7693,
3.4122

273.8321,

 0.9582, 0.4680,

263.5321, 322.3986

1.3088

326.6781,
316.0179, 384.0189

■ 0.0000, 0.0000,
0.0690

■ 0.0000, 0.0000,
0.0000

■ 52.3056, 47.0583,
62.8263

■ 52.3056, 47.0583,
62.8263

■ 48.1143, 39.5288,
58.7973

■ 57.1565, 55.8800,
67.1545

■ 44.5474, 33.2238,
55.0535

■ 62.6914, 66.0449,
71.7892

■ 41.5732, 28.0791,
51.5843

■ 68.9387, 77.6089,
76.7409

■ 39.1551, 24.0220,
48.3767

■ 75.9241, 90.6229,
82.0188

37.2526, 20.9714,
45.4166

76.6005, 90.9927,
85.2747

35.8194, 18.8351,
42.6878

77.2313, 91.2451,
88.5968

34.8007, 17.5039,
40.1714

77.8789, 91.5041,
92.0065

34.0993, 16.7833,
37.8343

78.5431, 91.7698,
95.5046

34.0869, 16.7713,
37.7908

79.2243, 92.0423,
99.0915

Harmonies

Analogous

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



49.2055, 47.0583, 73.5102



52.3056, 47.0583, 62.8263



53.3384, 47.0583, 50.3151

Triad

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



52.3056, 47.0583, 62.8263



44.4039, 47.0583, 31.3432



38.2105, 47.0583, 64.6878

Complementary

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



52.3056, 47.0583, 62.8263



48.2596, 58.8890, 51.4736

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.



37.0971, 47.0583, 52.1731



52.3056, 47.0583, 62.8263



40.5298, 47.0583, 33.9917

Square

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



52.3056, 47.0583, 62.8263



48.6091, 47.0583, 33.2900



37.9192, 47.0583, 41.1710



41.0582, 47.0583, 74.6983

Rectangle

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



52.3056, 47.0583, 62.8263



52.6665, 47.0583, 42.9170



37.9192, 47.0583, 41.1710



37.6294, 47.0583, 60.5717

Sweetspot

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



52.3070, 47.0604, 62.8273



89.8384, 90.4143, 104.5806



44.7124, 43.0177, 68.2348



19.1127, 19.1390, 22.2862



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.



52.3070, 47.0604, 62.8273



76.4970, 66.1585, 92.6515



50.0334, 46.1509, 50.8548



12.8338, 12.5850, 15.0648



21.0815, 10.3689, 23.5309



1.3006, 0.6370, 1.5723

Inverse Universe

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



52.3070, 47.0604, 62.8273



76.4970, 66.1585, 92.6515



50.4780, 59.7764, 63.1556



12.8338, 12.5850, 15.0648



21.0815, 10.3689, 23.5309



1.3006, 0.6370, 1.5723

Previews

White Background



This preview shows how the XYZ color 52.3056, 47.0583, 62.8263 looks on a white background.

Color Contrast Check

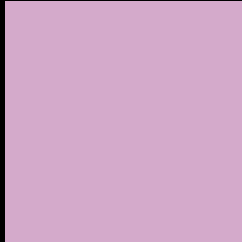
Large Text (above 18pt) WCAG AA × Fail

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 52.3056, 47.0583, 62.8263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

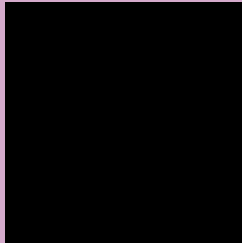
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3056, 47.0583, 62.8263

Background



This preview shows how black text looks on a background with the XYZ color 52.3056, 47.0583, 62.8263.



This preview shows how white text looks on a background with the XYZ color 52.3056, 47.0583,

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

52.3056, 47.0583, 62.8263

Protanopia

46.5168, 47.1659, 67.6250

Deuteranopia

48.3193, 47.3115, 62.4625



Tritanopia

50.3848, 47.1339, 52.8966

Trichromacy



Original Color

52.3056, 47.0583, 62.8263

Protanomaly

48.2198, 46.8964, 65.5419

Deuteranomaly

49.5438, 47.0663, 62.3506

Tritanomaly

51.1309, 47.1597, 56.2770

Monochromacy



Original Color

52.3056, 47.0583, 62.8263

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.3414, 48.0504, 56.5960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3056, 47.0583, 62.8263 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(212, 170, 203)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 203)  
}
```

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(212, 170, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.3056, 47.0583, 62.8263 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(212, 170, 203) }
```


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

```
.border{ border-color:rgb(212, 170, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 203);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3056, 47.0583, 62.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 203) }
```

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

```
.background{ background-color: rgb(212,  
170, 203) }
```

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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