

Converting Colors

XYZ(52.3585, 46.8236, 63.5347)

Have a look what the booklet for
XYZ(52.3585, 46.8236, 63.5347)
contains.

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Color

**XYZ(52.2384, 46.7326,
63.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9CC
RGB	212, 169, 204
RGB Percent	83%, 66%, 80%
CMY	0.1686, 0.3372, 0.2000
CMYK	0.00, 0.20, 0.04, 0.17
HSL	311°, 33%, 75%
HSV	311°, 20%, 83%
XYZ	52.2384, 46.7326, 63.3938
YIQ	185.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

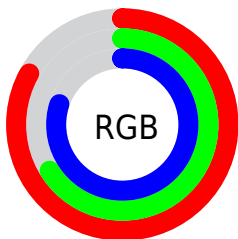
Format	Color
RYB	212, 169, 204
Decimal	13937100
CIELab	74.02, 21.55, -11.80
CIELCh	74, 24.571, 331.301
Yxy	46.7326, 0.3217, 0.2878
Android (android.graphics.Color)	4292127180 (0xFFD4A9CC)
YUV	185.8470, 8.9494, 22.9362
Hunter-Lab	68.3612, 16.7690, -7.1288

Details

The XYZ color **52.2384, 46.7326, 63.3938** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.8433, 58.6976, 50.4057**, and the grayscale version is **46.5335, 48.9569, 53.3141**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **25.7709, 22.0927, 31.7602** is the 20% darker color. If you saturate the color by 10%, you get **48.1429, 39.2886, 59.7243**, and if you desaturate by 10%, it is **56.9881, 55.4644, 67.3416**.

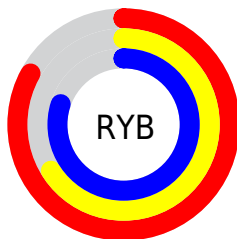
Distribution



Red (83%)

Green (66%)

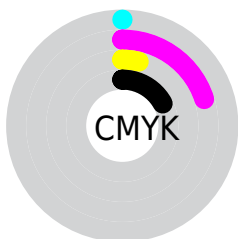
Blue (80%)



Red (83%)

Yellow (66%)

Blue (80%)

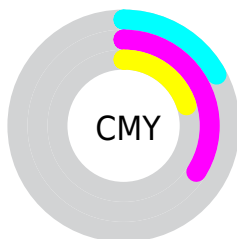


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (17%)



Cyan (17%)


Magenta (34%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2384, 46.7326, 63.3938 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 52.2384, 46.7326, 63.3938 by changing the saturation by 10% instead.


 52.2384, 46.7326,
63.3938

 52.2384, 46.7326,
63.3938

385.6651,
373.7462, 455.1445

 37.4202, 32.8243,
45.7168

 92.6549, 85.3143,
111.3285

 25.7081, 21.9919,
31.6754

 118.9838,
110.7566, 142.4233

 16.7370, 13.8509,
20.8509

149.8804,
140.8123, 178.8278

 10.1413, 8.0171,
12.8249

185.7100,
175.8658, 220.9605

 5.5557, 4.1059,
7.1788

226.8379,
216.3016, 269.2400

 2.6149, 1.7330,
3.4940

273.6295,

 0.9536, 0.4449,

262.5039, 324.0848

1.3521

326.4501,
314.8573, 385.9134

■ 0.0000, 0.0000,
0.1039

■ 0.0000, 0.0000,
0.0000

■ 52.2384, 46.7326,
63.3938

■ 52.2384, 46.7326,
63.3938

■ 48.1429, 39.2886,
59.7243

■ 56.9881, 55.4644,
67.3416

■ 44.6667, 33.0647,
56.3194

■ 62.4166, 65.5352,
71.5746

■ 41.7776, 27.9962,
53.1684

■ 68.5523, 77.0011,
76.1034

■ 39.4391, 24.0101,
50.2588

■ 75.4208, 89.9130,
80.9368

37.6104, 21.0251,
47.5765

76.3288, 90.8841,
83.8442

36.2450, 18.9482,
45.1056

76.8693, 91.1002,
86.6903

35.2877, 17.6691,
42.8271

77.4223, 91.3214,
89.6022

34.6516, 16.9972,
40.7645

77.9878, 91.5477,
92.5803

78.5660, 91.7789,
95.6250

Harmonies

Analogous

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



48.9477, 46.7326, 74.4526



52.2384, 46.7326, 63.3938



53.3995, 46.7326, 50.3373

Triad

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



52.2384, 46.7326, 63.3938



44.2267, 46.7326, 30.3455



37.5908, 46.7326, 64.5002

Complementary

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



52.2384, 46.7326, 63.3938



47.8433, 58.6976, 50.4057

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.



36.5046, 46.7326, 51.4343



52.2384, 46.7326, 63.3938



40.1766, 46.7326, 32.9017

Square

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



52.2384, 46.7326, 63.3938



48.5946, 46.7326, 32.4933



37.4197, 46.7326, 40.1385



40.4877, 46.7326, 75.1617

Rectangle

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



52.2384, 46.7326, 63.3938



52.7528, 46.7326, 42.6002



37.4197, 46.7326, 40.1385



37.0107, 46.7326, 60.1772

Sweetspot

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



52.2398, 46.7347, 63.3948



89.9068, 90.4417, 104.9412



44.1785, 42.4652, 68.1562



19.1289, 19.1454, 22.3716



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.



52.2398, 46.7347, 63.3948



76.7577, 66.2628, 94.0246



49.8483, 45.7781, 50.8016



12.8493, 12.5912, 15.1466



21.4266, 10.5070, 25.3483



1.3186, 0.6442, 1.6672

Inverse Universe

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



52.2398, 46.7347, 63.3948



76.7577, 66.2628, 94.0246



50.1446, 59.6181, 62.5241



12.8493, 12.5912, 15.1466



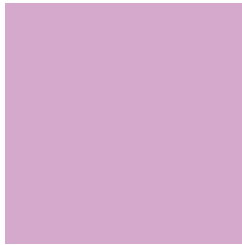
21.4266, 10.5070, 25.3483



1.3186, 0.6442, 1.6672

Previews

White Background



This preview shows how the XYZ color 52.2384, 46.7326, 63.3938 looks on a white background.

Color Contrast Check

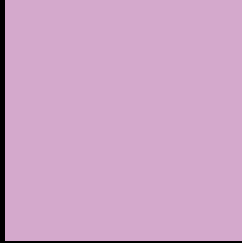
Large Text (above 18pt) WCAG AA × Fail

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 52.2384, 46.7326, 63.3938 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 52.2384, 46.7326, 63.3938

Background



This preview shows how black text looks on a background with the XYZ color 52.2384, 46.7326, 63.3938.



This preview shows how white text looks on a background with the XYZ color 52.2384, 46.7326,

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

52.2384, 46.7326, 63.3938

Protanopia

46.5390, 47.1483, 68.9350

Deuteranopia

47.6180, 46.6557, 62.3728



Tritanopia

49.9099, 46.6055, 52.8196

Trichromacy



Original Color

52.2384, 46.7326, 63.3938

Protanomaly

48.4660, 46.9949, 66.8381

Deuteranomaly

49.2042, 46.5897, 62.8993

Tritanomaly

50.7669, 46.6777, 56.7861

Monochromacy



Original Color

52.2384, 46.7326, 63.3938

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.4526, 48.0949, 57.1816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2384, 46.7326, 63.3938 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, 169, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 204)  
}
```

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, 169, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.2384, 46.7326, 63.3938 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, 169, 204) }
```


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

```
.border{ border-color:rgb(212, 169, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2384, 46.7326, 63.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 204) }
```

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

```
.background{ background-color: rgb(212,  
169, 204) }
```

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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