

Converting Colors

XYZ(52.3086, 47.8057, 67.4432)

Have a look what the booklet for
XYZ(52.3086, 47.8057, 67.4432)
contains.

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Color

**XYZ(52.3086, 47.8057,
67.4432)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CFADD2 |
| RGB | 207, 173, 210 |
| RGB Percent | 81%, 68%, 82% |
| CMY | 0.1882, 0.3216, 0.1765 |
| CMYK | 0.01, 0.18, 0.00, 0.18 |
| HSL | 295°, 29%, 75% |
| HSV | 295°, 18%, 82% |
| XYZ | 52.3086, 47.8057, 67.4432 |
| YIQ | 187.3840, 8.3870, 18.7150 |

Conversions

Conversions Part 2

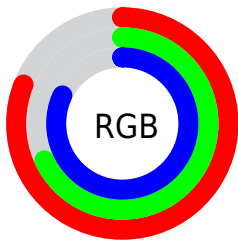
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 173, 210 |
| Decimal | 13610450 |
| CIE Lab | 74.70, 18.79, -14.10 |
| CIE LCh | 75, 23.493, 323.107 |
| Yxy | 47.8057, 0.3122, 0.2853 |
| Android (android.graphics.Color) | 4291800530 (0xFFCFADD2) |
| YUV | 187.3840, 11.1497, 17.2032 |
| Hunter-Lab | 69.1417, 14.0449, -9.4344 |

Details

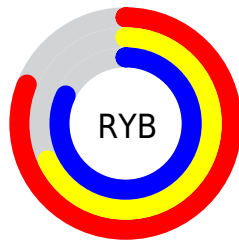
The XYZ color **52.3086, 47.8057, 67.4432** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4956, 58.3416, 48.2426**, and the grayscale version is **47.3878, 49.8556, 54.2928**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **25.5818, 22.4749, 34.0001** is the 20% darker color. If you saturate the color by 10%, you get **48.1214, 40.1329, 66.1836**, and if you desaturate by 10%, it is **57.1367, 56.7511, 68.9161**.

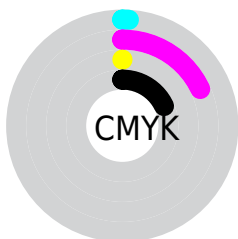
Distribution



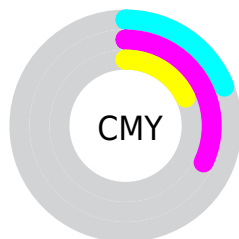
- Red (81%)
- Green (68%)
- Blue (82%)



- Red (81%)
- Yellow (68%)
- Blue (82%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3086, 47.8057, 67.4432 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 52.3086, 47.8057, 67.4432 by changing the saturation by 10% instead.


 52.3086, 47.8057,
67.4432

 52.3086, 47.8057,
67.4432


385.9312,
378.0215, 470.0651

 37.4764, 33.6730,
48.9810

 92.7577, 86.9150,
117.2019

 25.7519, 22.6425,
34.2389


119.1054,
112.6605, 149.3355

 16.7698, 14.3298,
22.7984


150.0222,
143.0457, 186.8634

 10.1648, 8.3504,
14.2408

185.8735,
178.4550, 230.2040

 5.5715, 4.3200,
8.1477

227.0247,
219.2729, 279.7760

 2.6245, 1.8541,
4.1005

273.8412,

 0.9584, 0.5206,

265.8836, 335.9978

1.6806

326.6882,
318.6717, 399.2880

■ 0.0000, 0.0000,
0.3474

■ 0.0000, 0.0000,
0.0000

■ 52.3086, 47.8057,
67.4432

■ 52.3086, 47.8057,
67.4432

■ 48.1214, 40.1329,
66.1836

■ 57.1367, 56.7511,
68.9161

■ 44.5413, 33.6674,
65.1243

■ 62.6290, 67.0180,
70.6083

■ 41.5378, 28.3478,
64.2558

■ 68.8128, 78.6603,
72.5296

■ 39.0763, 24.1044,
63.5665

■ 75.0696, 90.4410,
74.4737

■ 37.1182, 20.8603,
63.0435

■ 75.5686, 90.6983,
74.4971

■ 35.6197, 18.5280,
62.6724

■ 76.0728, 90.9582,
74.5207

■ 34.5298, 17.0054,
62.4359

■ 76.5822, 91.2208,
74.5445

■ 33.7770, 16.1495,
62.3104

■ 77.0968, 91.4861,
74.5686

■ 33.6191, 15.9874,
62.2874

■ 77.6167, 91.7541,
74.5929

Harmonies

Analogous

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



48.7289, 47.8057, 76.7475



52.3086, 47.8057, 67.4432



54.0645, 47.8057, 54.9188

Triad

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



52.3086, 47.8057, 67.4432



46.4280, 47.8057, 32.0639



38.3127, 47.8057, 61.8120

Complementary

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



52.3086, 47.8057, 67.4432



48.4956, 58.3416, 48.2426

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.



37.7815, 47.8057, 49.2873



52.3086, 47.8057, 67.4432



42.2985, 47.8057, 33.3197

Square

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



52.3086, 47.8057, 67.4432



50.5347, 47.8057, 35.4549



39.1968, 47.8057, 39.2014



40.6959, 47.8057, 73.1577

Rectangle

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



52.3086, 47.8057, 67.4432



53.8915, 47.8057, 46.9118



39.1968, 47.8057, 39.2014



37.9180, 47.8057, 57.5553

Sweetspot

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



52.3100, 47.8078, 67.4442



90.7373, 91.9377, 107.5711



44.4101, 44.6230, 67.2459



19.2964, 19.4451, 22.9862



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.



52.3100, 47.8078, 67.4442



78.7025, 69.6493, 103.9033



51.3267, 47.5122, 57.8502



12.2123, 11.9583, 14.9082



20.5474, 9.7729, 37.9959



1.1775, 0.5612, 2.1258

Inverse Universe

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



49.3600, 46.7255, 47.4938



73.3470, 67.6895, 67.4594



49.4039, 58.6274, 56.5270



11.8471, 11.8236, 12.4706



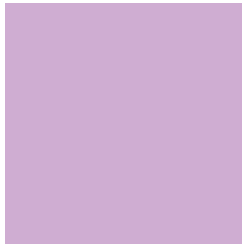
16.2893, 8.3885, 1.1635



0.9246, 0.4746, 0.1379

Previews

White Background



This preview shows how the XYZ color 52.3086, 47.8057, 67.4432 looks on a white background.

Color Contrast Check

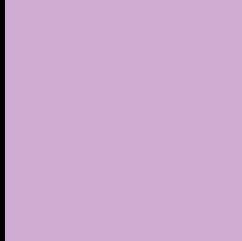
Large Text (above 18pt) WCAG AA × Fail

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 52.3086, 47.8057, 67.4432 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 52.3086, 47.8057, 67.4432

Background



This preview shows how black text looks on a background with the XYZ color 52.3086, 47.8057, 67.4432.



This preview shows how white text looks on a background with the XYZ color 52.3086, 47.8057,

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

52.3086, 47.8057, 67.4432

Protanopia

47.2541, 47.7609, 71.6940

Deuteranopia

48.8639, 47.7908, 66.9707



Tritanopia

49.7214, 47.6057, 55.2834

Trichromacy



Original Color

52.3086, 47.8057, 67.4432

Protanomaly

48.9967, 47.7866, 70.2597

Deuteranomaly

49.9957, 47.7835, 66.9097

Tritanomaly

50.5849, 47.6703, 59.3585

Monochromacy



Original Color

52.3086, 47.8057, 67.4432

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.8264, 48.8654, 58.4883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3086, 47.8057, 67.4432 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(207, 173, 210)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 210)  
}
```

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(207, 173, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 210) }
```

Border

The CSS property to change the border of an element to XYZ 52.3086, 47.8057, 67.4432 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(207, 173, 210) }
```


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

```
.border{ border-color:rgb(207, 173, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 173, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 210);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3086, 47.8057, 67.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 210) }
```

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

```
.background{ background-color: rgb(207,  
173, 210) }
```

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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