

Converting Colors

XYZ(48.8504, 43.5467, 65.0265)

Have a look what the booklet for
XYZ(48.8504, 43.5467, 65.0265)
contains.

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Color

**XYZ(48.8951, 43.6125,
64.8725)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA4CF
RGB	202, 164, 207
RGB Percent	79%, 64%, 81%
CMY	0.2078, 0.3568, 0.1882
CMYK	0.02, 0.21, 0.00, 0.19
HSL	293°, 31%, 73%
HSV	293°, 21%, 81%
XYZ	48.8951, 43.6125, 64.8725
YIQ	180.2640, 8.8450, 21.4290

Conversions

Conversions Part 2

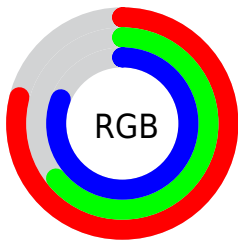
Format	Color
R _Y B	202, 164, 207
Decimal	13280463
CIE Lab	71.97, 21.46, -16.62
CIE LCh	72, 27.142, 322.236
Yxy	43.6125, 0.3107, 0.2771
Android (android.graphics.Color)	4291470543 (0xFFCAA4CF)
YUV	180.2640, 13.1808, 19.0625
Hunter-Lab	66.0398, 16.5898, -12.0142

Details

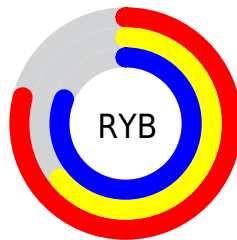
The XYZ color **48.8951, 43.6125, 64.8725** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.3774, 55.7421, 43.4918**, and the grayscale version is **43.4534, 45.7164, 49.7852**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **23.7567, 20.1841, 32.7808** is the 20% darker color. If you saturate the color by 10%, you get **44.8421, 36.4651, 63.7072**, and if you desaturate by 10%, it is **53.5638, 51.9747, 66.2412**.

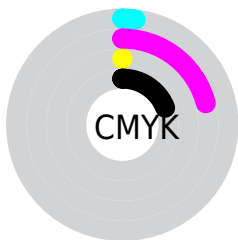
Distribution



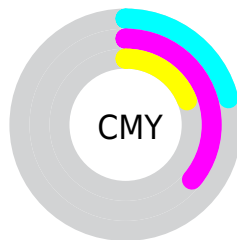
- Red (79%)
- Green (64%)
- Blue (81%)



- Red (79%)
- Yellow (64%)
- Blue (81%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)





- Cyan (21%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8951, 43.6125, 64.8725 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 48.8951, 43.6125, 64.8725 by changing the saturation by 10% instead.


 48.8951, 43.6125,
64.8725


 48.8951, 43.6125,
64.8725


372.8530,
361.1246, 460.6273

 34.7505, 30.3660,
46.9070


 87.7373, 80.6343,
113.4781

 23.6363, 20.1165,
32.6083


 113.1656,
105.1784, 144.9552

 15.1873, 12.4798,
21.5579


143.0858,
134.2572, 181.7733

 9.0381, 7.0713,
13.3372

177.8632,
168.2550, 224.3509

 4.8234, 3.5067,
7.5277

217.8633,
207.5563, 273.1066

 2.1777, 1.4017,
3.7109

263.4514,

 0.7309, 0.2180,

252.5454, 328.4589

1.4681

314.9929,
303.6067, 390.8263

■ 0.0000, 0.0000,
0.1940

■ 0.0000, 0.0000,
0.0000

■ 48.8951, 43.6125,
64.8725

■ 48.8951, 43.6125,
64.8725

■ 44.8421, 36.4651,
63.7072

■ 53.5638, 51.9747,
66.2412

■ 41.3717, 30.4687,
62.7327

■ 58.8715, 61.6004,
67.8194

■ 38.4536, 25.5619,
61.9394

■ 64.8450, 72.5426,
69.6166

■ 36.0532, 21.6756,
61.3157

■ 71.5084, 84.8494,
71.6408

34.1319, 18.7327,
60.8490

74.7648, 90.3266,
72.5264

32.6456, 16.6450,
60.5243

75.4726, 90.6916,
72.5595

31.5417, 15.3076,
60.3244

76.1910, 91.0619,
72.5932

30.7748, 14.5639,
60.2213

76.9197, 91.4376,
72.6273

77.6590, 91.8187,
72.6619

Harmonies

Analogous

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



44.9130, 43.6125, 75.2087



48.8951, 43.6125, 64.8725



50.9126, 43.6125, 51.0145

Triad

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



48.8951, 43.6125, 64.8725



42.6666, 43.6125, 26.4411



33.7467, 43.6125, 57.8019

Complementary

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



48.8951, 43.6125, 64.8725



45.3774, 55.7421, 43.4918

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.



33.2432, 43.6125, 44.1252



48.8951, 43.6125, 64.8725



38.1743, 43.6125, 27.5821

Square

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



48.8951, 43.6125, 64.8725



47.1462, 43.6125, 30.0497



34.8061, 43.6125, 33.5227



36.2365, 43.6125, 70.6256

Rectangle

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



48.8951, 43.6125, 64.8725



50.7744, 43.6125, 42.2859



34.8061, 43.6125, 33.5227



33.3474, 43.6125, 53.0971

Sweetspot

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



48.8964, 43.6144, 64.8734



89.7104, 90.2878, 107.3068



40.7653, 40.7817, 64.7553



19.0823, 19.1089, 22.9326



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.



48.8964, 43.6144, 64.8734



75.3006, 64.4719, 103.0833



48.3598, 43.5586, 54.8720



12.1698, 11.9364, 14.9062



19.4412, 9.2026, 37.9441



1.1263, 0.5348, 2.1234

Inverse Universe

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



46.1705, 42.6828, 43.3433



70.1950, 62.7386, 62.2378



45.9118, 55.8343, 51.7977



11.8638, 11.8303, 12.5588



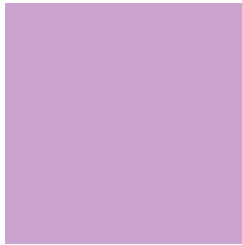
16.3349, 8.4068, 1.4036



0.9325, 0.4777, 0.1793

Previews

White Background



This preview shows how the XYZ color 48.8951, 43.6125, 64.8725 looks on a white background.

Color Contrast Check

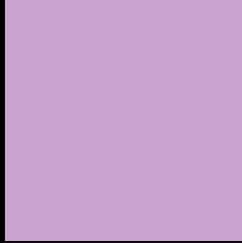
Large Text (above 18pt) WCAG AA × Fail

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 48.8951, 43.6125, 64.8725 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 48.8951, 43.6125, 64.8725

Background



This preview shows how black text looks on a background with the XYZ color 48.8951, 43.6125, 64.8725.



This preview shows how white text looks on a background with the XYZ color 48.8951, 43.6125,

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

48.8951, 43.6125, 64.8725

Protanopia

43.6160, 43.8398, 69.7814

Deuteranopia

44.5944, 43.6161, 63.8260



Tritanopia

45.9202, 43.7591, 50.2821

Trichromacy



Original Color

48.8951, 43.6125, 64.8725

Protanomaly

45.1432, 43.5323, 67.6513

Deuteranomaly

46.0676, 43.5235, 64.3654

Tritanomaly

46.7759, 43.5411, 55.2291

Monochromacy



Original Color

48.8951, 43.6125, 64.8725

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.1694, 44.6812, 54.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8951, 43.6125, 64.8725 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(202, 164, 207)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 207)  
}
```

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(202, 164, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 207) }
```

Border

The CSS property to change the border of an element to XYZ 48.8951, 43.6125, 64.8725 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(202, 164, 207) }
```


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

```
.border{ border-color:rgb(202, 164, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8951, 43.6125, 64.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 207) }
```

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

```
.background{ background-color: rgb(202,  
164, 207) }
```

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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