

Converting Colors

XYZ(52.6529, 47.6810, 60.0580)

Have a look what the booklet for
XYZ(52.6529, 47.6810, 60.0580)
contains.

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Color

**XYZ(52.4875, 47.4992,
59.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ABC6
RGB	214, 171, 198
RGB Percent	84%, 67%, 78%
CMY	0.1608, 0.3294, 0.2235
CMYK	0.00, 0.20, 0.07, 0.16
HSL	322°, 34%, 75%
HSV	322°, 20%, 84%
XYZ	52.4875, 47.4992, 59.8279
YIQ	186.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

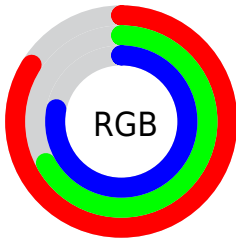
Format	Color
R _Y B	214, 171, 198
Decimal	14068678
CIE Lab	74.51, 20.09, -7.76
CIE LCh	75, 21.540, 338.874
Yxy	47.4992, 0.3284, 0.2972
Android (android.graphics.Color)	4292258758 (0xFFD6ABC6)
YUV	186.9350, 5.4550, 23.7360
Hunter-Lab	68.9197, 15.3317, -3.2248

Details

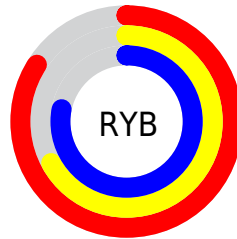
The XYZ color **52.4875, 47.4992, 59.8279** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8127, 60.3402, 56.0380**, and the grayscale version is **47.1621, 49.6182, 54.0343**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **25.9289, 22.5782, 29.3770** is the 20% darker color. If you saturate the color by 10%, you get **47.8736, 39.7025, 53.8768**, and if you desaturate by 10%, it is **57.8069, 56.6283, 66.2536**.

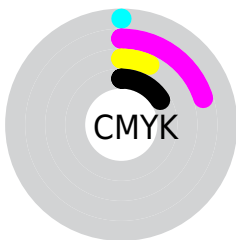
Distribution



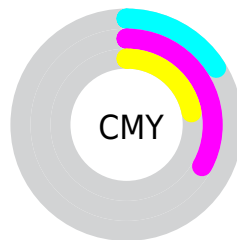
- Red (84%)
- Green (67%)
- Blue (78%)



- Red (84%)
- Yellow (67%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (16%)




- Cyan (16%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4875, 47.4992, 59.8279 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 52.4875, 47.4992, 59.8279 by changing the saturation by 10% instead.

 52.4875, 47.4992,
59.8279

 52.4875, 47.4992,
59.8279


386.6089,
376.8036, 441.7501

 37.6196, 33.4305,
42.8555

 93.0198, 86.4583,
106.1209

 25.8635, 22.4564,
29.4412


119.4149,
112.1174, 136.2786

 16.8537, 14.1926,
19.1664


150.3832,
142.4089, 171.6686

 10.2249, 8.2548,
11.6126

186.2899,
177.7169, 212.7092

 5.6117, 4.2584,
6.3611

227.5005,
218.4260, 259.8192

 2.6489, 1.8191,
2.9936

274.3803,

 0.9709, 0.4991,

264.9206, 313.4170

1.0913

327.2946,
317.5850, 373.9211

■ 0.0000, 0.0000,
0.0000

■ 52.4875, 47.4992,
59.8279

■ 52.4875, 47.4992,
59.8279

■ 47.8736, 39.7025,
53.8768

■ 57.8069, 56.6283,
66.2536

■ 43.9289, 33.1686,
48.3829

■ 63.8576, 67.1423,
73.1644

■ 40.6200, 27.8313,
43.3319

■ 70.6693, 79.0988,
80.5741

■ 37.9087, 23.6158,
38.7073

■ 77.7545, 91.5213,
88.3237

■ 35.7528, 20.4385,
34.4911

■ 78.8979, 91.9787,
94.3448

■ 34.1041, 18.2045,
30.6633

■ 80.0930, 92.4568,
100.6384

■ 32.9055, 16.8009,
27.2006

■ 81.3406, 92.9558,
107.2080

■ 32.0605, 16.0277,
24.0919

■ 81.5419, 93.0363,
108.2678

Harmonies

Analogous

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



50.0044, 47.4992, 70.2480



52.4875, 47.4992, 59.8279



52.9455, 47.4992, 48.4846

Triad

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



52.4875, 47.4992, 59.8279



44.0028, 47.4992, 33.3129



39.5713, 47.4992, 66.3580

Complementary

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



52.4875, 47.4992, 59.8279



49.8127, 60.3402, 56.0380

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.



38.1537, 47.4992, 55.0933



52.4875, 47.4992, 59.8279



40.6140, 47.4992, 36.7727

Square

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



52.4875, 47.4992, 59.8279



47.8958, 47.4992, 34.2030



38.5241, 47.4992, 44.3772



42.5046, 47.4992, 74.3785

Rectangle

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



52.4875, 47.4992, 59.8279



52.0167, 47.4992, 42.0507



38.5241, 47.4992, 44.3772



38.9096, 47.4992, 62.7651

Sweetspot

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



52.4889, 47.5013, 59.8289



89.4586, 90.2624, 102.5807



47.1390, 44.5187, 69.7275



19.0228, 19.1030, 21.8127



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.



52.4889, 47.5013, 59.8289



75.0849, 65.5936, 85.2156



50.2054, 46.5879, 47.8044



12.7479, 12.5507, 14.6128



19.4301, 9.7084, 14.8349



1.2114, 0.6013, 1.1024

Inverse Universe

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



52.4889, 47.5013, 59.8289



75.0849, 65.5936, 85.2156



52.2607, 61.3194, 68.9291



12.7479, 12.5507, 14.6128



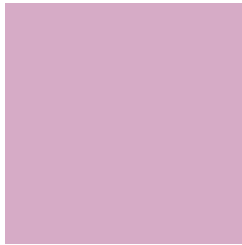
19.4301, 9.7084, 14.8349



1.2114, 0.6013, 1.1024

Previews

White Background



This preview shows how the XYZ color 52.4875, 47.4992, 59.8279 looks on a white background.

Color Contrast Check

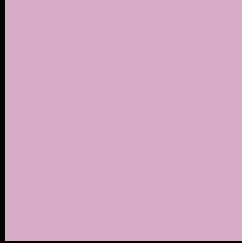
Large Text (above 18pt) WCAG AA × Fail

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 52.4875, 47.4992, 59.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

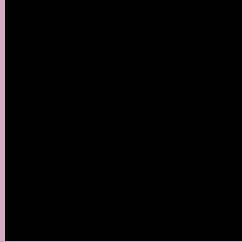
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4875, 47.4992, 59.8279

Background



This preview shows how black text looks on a background with the XYZ color 52.4875, 47.4992, 59.8279.



This preview shows how white text looks on a background with the XYZ color 52.4875, 47.4992,

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

52.4875, 47.4992, 59.8279

Protanopia

46.5698, 47.5670, 64.4845

Deuteranopia

48.5041, 47.4741, 59.4303



Tritanopia

50.9579, 47.4294, 52.9234

Trichromacy



Original Color

52.4875, 47.4992, 59.8279

Protanomaly

48.3193, 47.3115, 62.4625

Deuteranomaly

49.7651, 47.2477, 59.3201

Tritanomaly

51.4874, 47.3689, 55.1446

Monochromacy



Original Color

52.4875, 47.4992, 59.8279

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.9538, 48.6797, 56.1062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4875, 47.4992, 59.8279 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(214, 171, 198)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 198)  
}
```

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(214, 171, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.4875, 47.4992, 59.8279 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(214, 171, 198) }
```


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

```
.border{ border-color:rgb(214, 171, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4875, 47.4992, 59.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 198) }
```

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

```
.background{ background-color: rgb(214,  
171, 198) }
```

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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