

Converting Colors

XYZ(54.8864, 49.9271, 57.7830)

Have a look what the booklet for
XYZ(54.8864, 49.9271, 57.7830)
contains.

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Color

**XYZ(54.8864, 49.9271,
57.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAFC2
RGB	221, 175, 194
RGB Percent	87%, 69%, 76%
CMY	0.1333, 0.3137, 0.2392
CMYK	0.00, 0.21, 0.12, 0.13
HSL	335°, 40%, 78%
HSV	335°, 21%, 87%
XYZ	54.8864, 49.9271, 57.7830
YIQ	190.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

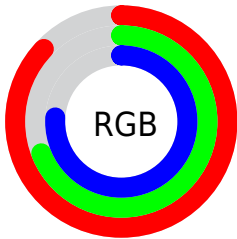
Format	Color
R _Y B	221, 175, 194
Decimal	14528450
CIE Lab	76.02, 19.71, -3.26
CIE LCh	76, 19.980, 350.608
Yxy	49.9271, 0.3376, 0.3071
Android (android.graphics.Color)	4292718530 (0xFFDDAFC2)
YUV	190.9200, 1.5184, 26.3802
Hunter-Lab	70.6591, 15.0013, 0.9757

Details

The XYZ color **54.8864, 49.9271, 57.7830** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1983, 65.0925, 65.5878**, and the grayscale version is **49.4589, 52.0346, 56.6657**.

A 20% lighter version of the original color is **87.0712, 85.3140, 102.3206**, and **27.2102, 23.8118, 27.9730** is the 20% darker color. If you saturate the color by 10%, you get **49.5382, 41.4611, 49.1231**, and if you desaturate by 10%, it is **61.0686, 59.8563, 67.3496**.

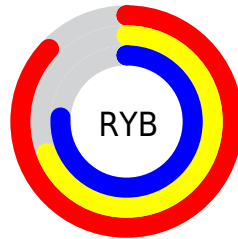
Distribution



Red (87%)

Green (69%)

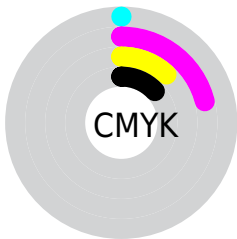
Blue (76%)



Red (87%)

Yellow (69%)

Blue (76%)

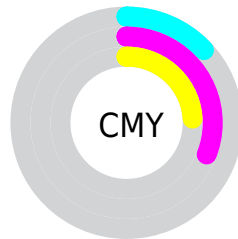


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (13%)



Cyan (13%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8864, 49.9271, 57.7830 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 54.8864, 49.9271, 57.7830 by changing the saturation by 10% instead.


 54.8864, 49.9271,
57.7830

 54.8864, 49.9271,
57.7830


395.6246,
386.3808, 433.9525

 39.5443, 35.3555,
41.2207

 96.5238, 90.0669,
103.1184

 27.3660, 23.9368,
28.1706


123.5497,
116.4038, 132.7286

 17.9863, 15.2868,
18.2141


155.2010,
147.4313, 167.5252

 11.0398, 9.0209,
10.9328

191.8430,
183.5337, 207.9267

 6.1611, 4.7548,
5.9081

233.8409,
225.0955, 254.3516

 2.9849, 2.1041,
2.7214

281.5603,

 1.1458, 0.6669,

272.5010, 307.2185

0.9542

335.3664,
326.1346, 366.9460

■ 0.0629, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8864, 49.9271,
57.7830

■ 54.8864, 49.9271,
57.7830

■ 49.5382, 41.4611,
49.1231

■ 61.0686, 59.8563,
67.3496

■ 44.9823, 34.3818,
41.3384

■ 68.1155, 71.3070,
77.8469

■ 41.1796, 28.6160,
34.3997

■ 76.0614, 84.3425,
89.3016

■ 38.0861, 24.0812,
28.2751

■ 82.1972, 93.5396,
100.8252

■ 35.6526, 20.6849,
22.9300

■ 83.6291, 94.1123,
108.3655

■ 33.8234, 18.3219,
18.3268

■ 32.5325, 16.8666,
14.4232

■ 31.7192, 16.1324,
11.4013

Harmonies

Analogous

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



53.2145, 49.9271, 68.4648



54.8864, 49.9271, 57.7830



54.4877, 49.9271, 47.4495

Triad

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



54.8864, 49.9271, 57.7830



44.9748, 49.9271, 37.3160



43.0473, 49.9271, 71.8281

Complementary

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



54.8864, 49.9271, 57.7830



54.1983, 65.0925, 65.5878

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.



41.0536, 49.9271, 61.9155



54.8864, 49.9271, 57.7830



42.1253, 49.9271, 42.3426

Square

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



54.8864, 49.9271, 57.7830



48.6341, 49.9271, 36.5135



40.7252, 49.9271, 51.0790



46.2935, 49.9271, 77.2453

Rectangle

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



54.8864, 49.9271, 57.7830



53.1091, 49.9271, 42.0608



40.7252, 49.9271, 51.0790



42.2157, 49.9271, 68.8546

Sweetspot

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



54.8878, 49.9293, 57.7840



88.9493, 90.0587, 99.8988



52.6950, 48.4161, 74.9753



18.9025, 19.0548, 21.1789



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.



54.8878, 49.9293, 57.7840



72.5251, 63.6706, 74.5079



53.6452, 50.6430, 47.5077



13.2779, 13.1403, 14.7247



18.4793, 9.3928, 6.9040



1.2394, 0.6254, 0.6695

Inverse Universe

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



54.8878, 49.9293, 57.7840



72.5251, 63.6706, 74.5079



55.5878, 64.0475, 77.8400



13.2779, 13.1403, 14.7247



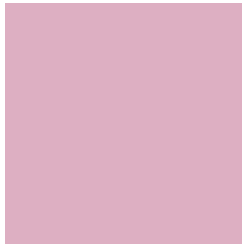
18.4793, 9.3928, 6.9040



1.2394, 0.6254, 0.6695

Previews

White Background



This preview shows how the XYZ color 54.8864, 49.9271, 57.7830 looks on a white background.

Color Contrast Check

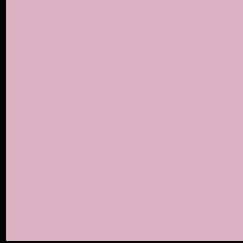
Large Text (above 18pt) WCAG AA × Fail

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 54.8864, 49.9271, 57.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

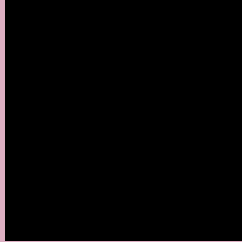
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8864, 49.9271, 57.7830

Background



This preview shows how black text looks on a background with the XYZ color 54.8864, 49.9271, 57.7830.



This preview shows how white text looks on a background with the XYZ color 54.8864, 49.9271,

57.7830.

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

54.8864, 49.9271, 57.7830

Protanopia

48.8065, 50.3225, 62.3992

Deuteranopia

51.2554, 50.1435, 57.4293



Tritanopia

54.2258, 49.9404, 54.9256

Trichromacy



Original Color

54.8864, 49.9271, 57.7830

Protanomaly

50.6797, 50.0863, 60.4226

Deuteranomaly

52.3241, 49.7921, 57.3051

Tritanomaly

54.4445, 50.0279, 56.0770

Monochromacy



Original Color

54.8864, 49.9271, 57.7830

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2205, 51.0603, 57.0252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8864, 49.9271, 57.7830 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(221, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 175, 194)  
}
```

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(221, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 175, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.8864, 49.9271, 57.7830 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(221, 175, 194) }
```


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

```
.border{ border-color:rgb(221, 175, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 175, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 175, 194);  
box-shadow:4px 4px 4px 4px rgb(221, 175,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8864, 49.9271, 57.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 175, 194) }
```

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

```
.background{ background-color: rgb(221,  
175, 194) }
```

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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