

Converting Colors

XYZ(49.8667, 49.0195, 58.0585)

Have a look what the booklet for
XYZ(49.8667, 49.0195, 58.0585)
contains.

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Color

**XYZ(49.8147, 49.0849,
57.8878)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B5C2
RGB	199, 181, 194
RGB Percent	78%, 71%, 76%
CMY	0.2196, 0.2902, 0.2392
CMYK	0.00, 0.09, 0.03, 0.22
HSL	317°, 14%, 75%
HSV	317°, 9%, 78%
XYZ	49.8147, 49.0849, 57.8878
YIQ	187.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

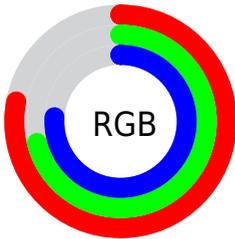
Format	Color
R _Y B	199, 181, 194
Decimal	13088194
CIE Lab	75.50, 8.71, -4.26
CIE LCh	76, 9.697, 333.970
Yxy	49.0849, 0.3177, 0.3131
Android (android.graphics.Color)	4291278274 (0xFFC7B5C2)
YUV	187.8640, 3.0250, 9.7663
Hunter-Lab	70.0606, 4.3115, 0.0539

Details

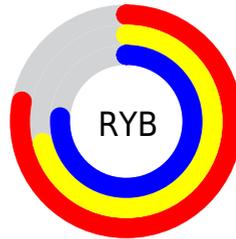
The XYZ color **49.8147, 49.0849, 57.8878** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3443, 54.2172, 54.3739**, and the grayscale version is **47.7047, 50.1891, 54.6559**.

A 20% lighter version of the original color is **88.7795, 88.7305, 102.8900**, and **24.1298, 23.3515, 28.0465** is the 20% darker color. If you saturate the color by 10%, you get **45.4448, 41.3198, 53.4247**, and if you desaturate by 10%, it is **54.7885, 58.0194, 62.6673**.

Distribution



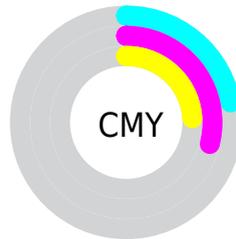
- Red (78%)
- Green (71%)
- Blue (76%)



- Red (78%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8147, 49.0849, 57.8878 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 49.8147, 49.0849, 57.8878 by changing the saturation by 10% instead.

■ 49.8147, 49.0849,
57.8878

■ 49.8147, 49.0849,
57.8878

376.4048,
383.0765, 434.3543

■ 35.4834, 34.6868,
41.3043

■ 89.0937, 88.8175,
103.2726

■ 24.2037, 23.4217,
28.2355

114.7722,
114.9209, 132.9111

■ 15.6104, 14.9052,
18.2627

144.9637,
145.6948, 167.7382

■ 9.3380, 8.7529,
10.9673

180.0336,
181.5237, 208.1727

■ 5.0211, 4.5804,
5.9310

220.3473,
222.7919, 254.6330

■ 2.2946, 2.0032,
2.7350

266.2702,

■ 0.7919, 0.6093,

269.8838, 307.5377

0.9610

318.1676,
323.1839, 367.3053

■ 0.0000, 0.0000,
0.0000

■ 49.8147, 49.0849,
57.8878

■ 49.8147, 49.0849,
57.8878

■ 45.4448, 41.3198,
53.4247

■ 54.7885, 58.0194,
62.6673

■ 41.6500, 34.6689,
49.2655

■ 60.3851, 68.1629,
67.7691

■ 38.4052, 29.0820,
45.4012

■ 66.6279, 79.5609,
73.2026

■ 35.6820, 24.5025,
41.8211

■ 71.7233, 88.6262,
78.3713

■ 33.4493, 20.8686,
38.5134

■ 72.4509, 88.9172,
82.2027

■ 31.6726, 18.1118,
35.4654

■ 73.2028, 89.2180,
86.1620

■ 30.3126, 16.1539,
32.6626

■ 73.9792, 89.5286,
90.2505

■ 29.3233, 14.9033,
30.0884

■ 74.7803, 89.8490,
94.4692

■ 28.6267, 14.2046,
27.7154

■ 75.6064, 90.1794,
98.8194

Harmonies

Analogous

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



48.6031, 49.0849, 62.0422



49.8147, 49.0849, 57.8878



50.1716, 49.0849, 52.7657

Triad

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



49.8147, 49.0849, 57.8878



46.4159, 49.0849, 44.2039



43.8576, 49.0849, 59.1432

Complementary

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



49.8147, 49.0849, 57.8878



48.3443, 54.2172, 54.3739

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.



43.3043, 49.0849, 54.1303



49.8147, 49.0849, 57.8878



44.7572, 49.0849, 45.6813

Square

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



49.8147, 49.0849, 57.8878



48.1802, 49.0849, 45.0695



43.6294, 49.0849, 49.2358



45.1598, 49.0849, 62.7989

Rectangle

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



49.8147, 49.0849, 57.8878



49.8693, 49.0849, 49.5404



43.6294, 49.0849, 49.2358



43.5794, 49.0849, 57.5498

Sweetspot

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



49.8161, 49.0870, 57.8889



92.3175, 95.0797, 106.3104



47.0358, 47.5878, 60.7400



19.6071, 20.0765, 22.6085



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.



49.8161, 49.0870, 57.8889



85.5159, 82.8990, 99.6571



48.8569, 48.7033, 52.8375



10.9525, 10.7644, 12.7334



18.4068, 9.1123, 17.8840



0.9011, 0.4433, 1.0026

Inverse Universe

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



49.8161, 49.0870, 57.8889



85.5159, 82.8990, 99.6571



49.3088, 54.6030, 59.4531



10.9525, 10.7644, 12.7334



18.4068, 9.1123, 17.8840



0.9011, 0.4433, 1.0026

Previews

White Background



This preview shows how the XYZ color 49.8147, 49.0849, 57.8878 looks on a white background.

Color Contrast Check

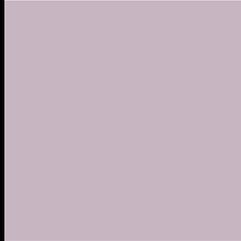
Large Text (above 18pt) WCAG AA × Fail

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 49.8147, 49.0849, 57.8878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

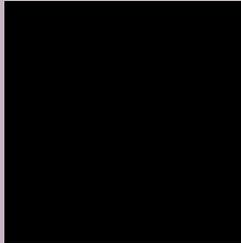
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

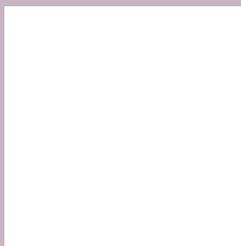
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8147, 49.0849, 57.8878

Background



This preview shows how black text looks on a background with the XYZ color 49.8147, 49.0849, 57.8878.



This preview shows how white text looks on a background with the XYZ color 49.8147, 49.0849,

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

49.8147, 49.0849, 57.8878

Protanopia

47.5625, 49.1225, 59.1993

Deuteranopia

49.8783, 48.8169, 57.8327



Tritanopia

49.9274, 49.1300, 58.4813

Trichromacy



Original Color

49.8147, 49.0849, 57.8878

Protanomaly

48.4767, 49.2975, 58.5901

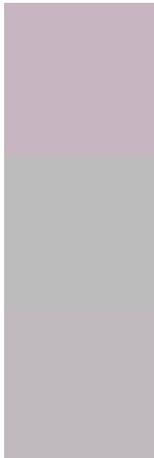
Deuteranomaly

49.8783, 48.8169, 57.8327

Tritanomaly

49.9274, 49.1300, 58.4813

Monochromacy



Original Color

49.8147, 49.0849, 57.8878

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3815, 49.6221, 55.7432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8147, 49.0849, 57.8878 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(199, 181, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 181, 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(199, 181, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 181, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.8147, 49.0849, 57.8878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

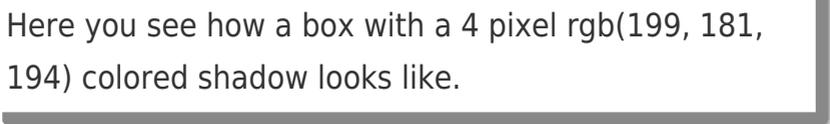
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 181, 194) }
```

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

```
.border{ border-color:rgb(199, 181, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 181, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 181, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 181, 194); box-shadow:4px 4px 4px 4px rgb(199, 181, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8147, 49.0849, 57.8878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 181, 194) }
```

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

```
.background{ background-color: rgb(199,  
181, 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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