

Converting Colors

XYZ(57.9729, 54.8930, 69.8273)

Have a look what the booklet for
XYZ(57.9729, 54.8930, 69.8273)
contains.

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Color

**XYZ(57.9729, 54.8930,
69.8273)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BBD4
RGB	216, 187, 212
RGB Percent	85%, 73%, 83%
CMY	0.1529, 0.2666, 0.1686
CMYK	0.00, 0.13, 0.02, 0.15
HSL	308°, 27%, 79%
HSV	308°, 13%, 85%
XYZ	57.9729, 54.8930, 69.8273
YIQ	198.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

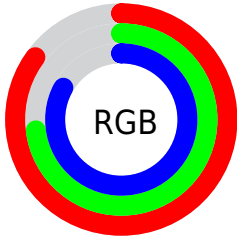
Format	Color
R _Y B	216, 187, 212
Decimal	14203860
CIE Lab	78.98, 14.64, -8.71
CIE LCh	79, 17.035, 329.234
Yxy	54.8930, 0.3173, 0.3005
Android (android.graphics.Color)	4292393940 (0xFFD8BBD4)
YUV	198.5210, 6.6451, 15.3291
Hunter-Lab	74.0898, 10.0134, -4.0161

Details

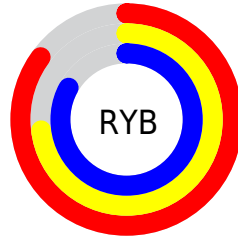
The XYZ color **57.9729, 54.8930, 69.8273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4555, 63.4397, 58.6681**, and the grayscale version is **53.9517, 56.7614, 61.8132**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **29.3088, 27.0616, 35.5770** is the 20% darker color. If you saturate the color by 10%, you get **53.3589, 46.2602, 66.4523**, and if you desaturate by 10%, it is **63.2863, 64.9118, 73.4709**.

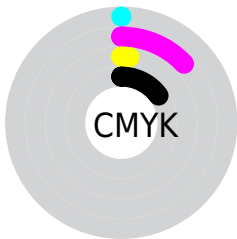
Distribution



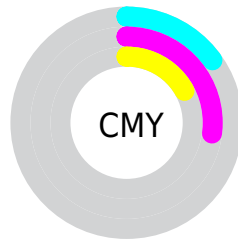
- Red (85%)
- Green (73%)
- Blue (83%)



- Red (85%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9729, 54.8930, 69.8273 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 57.9729, 54.8930, 69.8273 by changing the saturation by 10% instead.


 57.9729, 54.8930,
69.8273

 57.9729, 54.8930,
69.8273


407.0404,
405.5062, 478.7161

 42.0300, 39.3161,
50.9098


 101.0066, 97.3842,
120.6412

 29.3160, 27.0057,
35.7606


128.8281,
125.0672, 153.3748

 19.4655, 17.5775,
23.9611


161.3399,
157.5543, 191.5508

 12.1131, 10.6471,
15.0929

198.9074,
195.2301, 235.5877

 6.8935, 5.8301,
8.7372

241.8958,
238.4787, 285.9042

 3.4413, 2.7420,
4.4757

290.6705,

 1.3912, 0.9986,

287.6847, 342.9187

1.8898

345.5970,
343.2324, 407.0499

■ 0.2500, 0.0000,
0.4862

■ 0.0000, 0.0000,
0.0000

■ 57.9729, 54.8930,
69.8273

■ 57.9729, 54.8930,
69.8273

■ 53.3589, 46.2602,
66.4523

■ 63.2863, 64.9118,
73.4709

■ 49.4087, 38.9448,
63.3320

■ 69.3230, 76.3669,
77.3894

■ 46.0909, 32.8832,
60.4564

■ 76.1119, 89.3150,
81.5932

■ 43.3696, 28.0038,
57.8133

■ 77.5231, 91.4967,
84.0392

41.2054, 24.2276,
55.3894

77.9307, 91.6597,
86.1856

39.5539, 21.4661,
53.1697

78.3454, 91.8256,
88.3695

38.3640, 19.6169,
51.1370

78.7673, 91.9943,
90.5911

37.5738, 18.5566,
49.2705

79.1964, 92.1660,
92.8506

37.2039, 18.1530,
48.1108

79.6327, 92.3405,
95.1481

Harmonies

Analogous

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



55.4199, 54.8930, 77.5682



57.9729, 54.8930, 69.8273



58.9612, 54.8930, 60.0189

Triad

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



57.9729, 54.8930, 69.8273



52.2613, 54.8930, 42.9911



46.6946, 54.8930, 69.3491

Complementary

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



57.9729, 54.8930, 69.8273



54.4555, 63.4397, 58.6681

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.



45.9290, 54.8930, 59.5200



57.9729, 54.8930, 69.8273



49.0576, 54.8930, 44.9252

Square

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



57.9729, 54.8930, 69.8273



55.5772, 54.8930, 45.1317



46.7756, 54.8930, 50.7264



48.9130, 54.8930, 77.2717

Rectangle

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



57.9729, 54.8930, 69.8273



58.5683, 54.8930, 53.8328



46.7756, 54.8930, 50.7264



46.2632, 54.8930, 66.1266

Sweetspot

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



57.9745, 54.8954, 69.8285



91.6562, 93.5736, 106.6552



51.6197, 51.5603, 72.1982



19.4857, 19.7781, 22.7398



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.



57.9745, 54.8954, 69.8285



82.4941, 76.3172, 100.3094



56.2419, 54.2023, 60.7046



12.8759, 12.6019, 15.2867



22.0504, 10.7565, 28.6334



1.3508, 0.6571, 1.8365

Inverse Universe

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



57.9745, 54.8954, 69.8285



82.4941, 76.3172, 100.3094



56.1150, 64.1035, 67.4073



12.8759, 12.6019, 15.2867



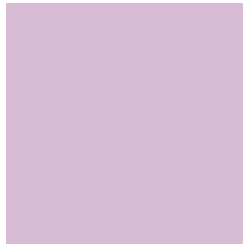
22.0504, 10.7565, 28.6334



1.3508, 0.6571, 1.8365

Previews

White Background



This preview shows how the XYZ color 57.9729, 54.8930, 69.8273 looks on a white background.

Color Contrast Check

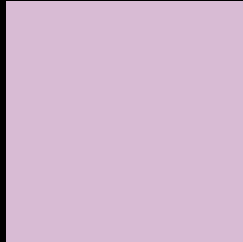
Large Text (above 18pt) WCAG AA × Fail

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 57.9729, 54.8930, 69.8273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

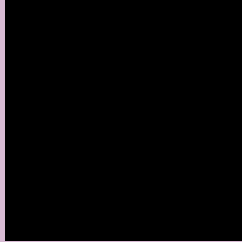
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9729, 54.8930, 69.8273

Background



This preview shows how black text looks on a background with the XYZ color 57.9729, 54.8930, 69.8273.



This preview shows how white text looks on a background with the XYZ color 57.9729, 54.8930,

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

57.9729, 54.8930, 69.8273

Protanopia

53.8085, 54.9308, 73.4123

Deuteranopia

56.1838, 54.9400, 69.2713



Tritanopia

56.7870, 54.7253, 64.0700

Trichromacy



Original Color

57.9729, 54.8930, 69.8273

Protanomaly

54.9839, 54.5854, 71.9281

Deuteranomaly

56.8194, 54.9472, 69.2392

Tritanomaly

57.1481, 54.8697, 65.9714

Monochromacy



Original Color

57.9729, 54.8930, 69.8273

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5910, 56.3690, 65.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9729, 54.8930, 69.8273 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(216, 187, 212)` looks like.

```
.text, #text, p{  
    color:rgb(216, 187, 212)  
}
```

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(216, 187, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 187, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.9729, 54.8930, 69.8273 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(216, 187, 212) }
```


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

```
.border{ border-color:rgb(216, 187, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 187, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 187, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 187, 212);  
box-shadow:4px 4px 4px 4px rgb(216, 187,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9729, 54.8930, 69.8273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 187, 212) }
```

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

```
.background{ background-color: rgb(216,  
187, 212) }
```

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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