

Converting Colors

XYZ(69.0484, 68.9111, 83.7878)

Have a look what the booklet for
XYZ(69.0484, 68.9111, 83.7878)
contains.

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Color

**XYZ(69.0504, 68.9129,
83.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D4E5
RGB	226, 212, 229
RGB Percent	89%, 83%, 90%
CMY	0.1137, 0.1686, 0.1020
CMYK	0.01, 0.07, 0.00, 0.10
HSL	289°, 25%, 86%
HSV	289°, 7%, 90%
XYZ	69.0504, 68.9129, 83.7909
YIQ	218.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

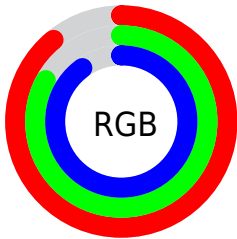
Format	Color
R _Y B	226, 212, 229
Decimal	14865637
CIE Lab	86.46, 7.84, -6.62
CIE LCh	86, 10.262, 319.822
Yxy	68.9129, 0.3114, 0.3108
Android (android.graphics.Color)	4293055717 (0xFFE2D4E5)
YUV	218.1240, 5.3619, 6.9073
Hunter-Lab	83.0138, 3.2011, -1.7354

Details

The XYZ color **69.0504, 68.9129, 83.7909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9299, 75.2410, 73.2336**, and the grayscale version is **66.6906, 70.1637, 76.4083**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4915, 35.8279, 45.0366** is the 20% darker color. If you saturate the color by 10%, you get **62.4752, 57.6209, 81.9589**, and if you desaturate by 10%, it is **76.4714, 81.8499, 85.8979**.

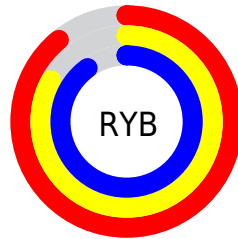
Distribution



Red (89%)

Green (83%)

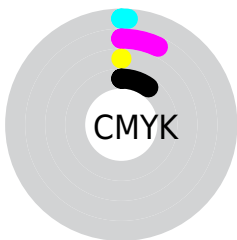
Blue (90%)



Red (89%)

Yellow (83%)

Blue (90%)

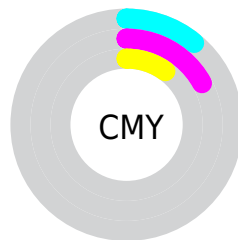


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (17%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0504, 68.9129, 83.7909 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 69.0504, 68.9129, 83.7909 by changing the saturation by 10% instead.

69.0504, 68.9129,
83.7909

69.0504, 68.9129,
83.7909

446.5273,
456.7237, 527.6585

51.0295, 50.6408,
62.2984

116.8872,
117.6572, 140.5418

36.4533, 35.9228,
44.8365

147.4339,
148.8981, 176.6372

24.9562, 24.3746,
30.9867

182.8866,
185.2307, 218.4374

16.1730, 15.6117,
20.3303

223.6106,
227.0395, 266.3609

9.7383, 9.2498,
12.4489

269.9714,
274.7088, 320.8262

5.2867, 4.9045,
6.9240

322.3341,

2.4529, 2.1913,

328.6230, 382.2519

3.3369

381.0643,
389.1665, 451.0565

■ 0.8716, 0.7153,
1.2691

■ 0.0000, 0.0000,
0.0363

■ 69.0504, 68.9129,
83.7909

■ 69.0504, 68.9129,
83.7909

■ 62.4752, 57.6209,
81.9589

■ 76.4714, 81.8499,
85.8979

■ 56.7055, 47.8970,
80.3861

■ 83.8628, 94.6841,
87.9856

■ 51.7067, 39.6713,
79.0618

■ 85.2057, 95.3764,
88.0484

■ 47.4395, 32.8651,
77.9730

■ 86.5790, 96.0844,
88.1127

43.8605, 27.3923,
77.1053

87.9831, 96.8082,
88.1784

40.9221, 23.1577,
76.4428

89.4180, 97.5479,
88.2456

38.5699, 20.0531,
75.9675

90.8840, 98.3037,
88.3142

36.7403, 17.9517,
75.6583

91.1431, 98.4372,
88.3263

35.3488, 16.6843,
75.4871

Harmonies

Analogous

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



67.0601, 68.9129, 88.0204



69.0504, 68.9129, 83.7909



70.0972, 68.9129, 77.3690

Triad

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



69.0504, 68.9129, 83.7909



66.3098, 68.9129, 62.8859



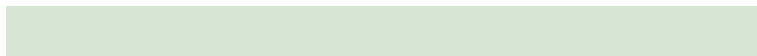
61.2975, 68.9129, 79.5564

Complementary

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



69.0504, 68.9129, 83.7909



67.9299, 75.2410, 73.2336

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.



61.1077, 68.9129, 72.7473



69.0504, 68.9129, 83.7909



63.9636, 68.9129, 63.3930

Square

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



69.0504, 68.9129, 83.7909



68.4898, 68.9129, 65.4806



62.0727, 68.9129, 66.9103



62.5979, 68.9129, 85.4751

Rectangle

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



69.0504, 68.9129, 83.7909



70.1023, 68.9129, 72.8259



62.0727, 68.9129, 66.9103



61.1030, 68.9129, 77.2871

Sweetspot

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



69.0524, 68.9159, 83.7924



93.1141, 96.6188, 108.3494



65.6273, 68.3177, 83.8575



19.9506, 20.7158, 23.1970



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.



69.0524, 68.9159, 83.7924



86.6861, 85.4612, 106.5346



69.2613, 69.1091, 79.9395



14.7325, 14.4798, 18.1627



20.1179, 9.4371, 43.1444



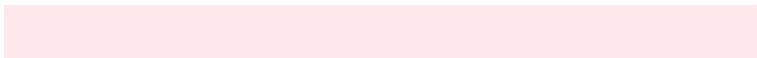
1.5523, 0.7312, 3.1913

Inverse Universe

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



68.1248, 68.6544, 73.9545



85.2656, 85.0634, 91.3585



67.7475, 75.0672, 76.8289



14.4803, 14.4093, 15.4638



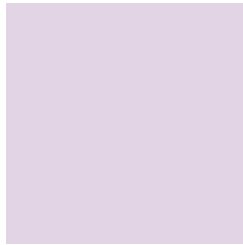
18.7291, 9.6258, 2.2023



1.4146, 0.7235, 0.3236

Previews

White Background



This preview shows how the XYZ color 69.0504, 68.9129, 83.7909 looks on a white background.

Color Contrast Check

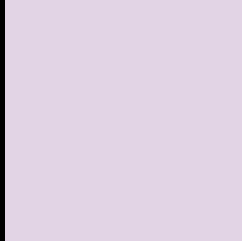
Large Text (above 18pt) WCAG AA × Fail

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 69.0504, 68.9129, 83.7909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

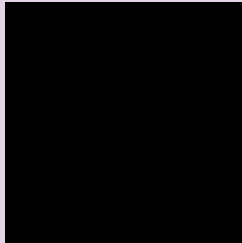
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

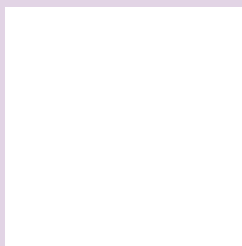
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0504, 68.9129, 83.7909

Background



This preview shows how black text looks on a background with the XYZ color 69.0504, 68.9129, 83.7909.



This preview shows how white text looks on a background with the XYZ color 69.0504, 68.9129,

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

69.0504, 68.9129, 83.7909

Protanopia

67.0431, 68.9693, 85.3802

Deuteranopia

70.1444, 68.7393, 83.6997



Tritanopia

69.0504, 68.9129, 83.7909

Trichromacy



Original Color

69.0504, 68.9129, 83.7909

Protanomaly

67.8447, 69.0219, 84.6097

Deuteranomaly

69.7502, 68.9037, 83.7523

Tritanomaly

69.0504, 68.9129, 83.7909

Monochromacy



Original Color

69.0504, 68.9129, 83.7909

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.5595, 69.7578, 79.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0504, 68.9129, 83.7909 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(226, 212, 229) looks like.

```
.text, #text, p{  
    color:rgb(226, 212, 229)  
}
```

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(226, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 212, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.0504, 68.9129, 83.7909 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(226, 212, 229) }
```


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

```
.border{ border-color:rgb(226, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(226, 212,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0504, 68.9129, 83.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 212, 229) }
```

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

```
.background{ background-color: rgb(226,  
212, 229) }
```

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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