

# Converting Colors

XYZ(69.1582, 69.5422, 79.6078)

Have a look what the booklet for  
XYZ(69.1582, 69.5422, 79.6078)  
contains.

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# Color

**XYZ(69.1084, 69.4102,  
79.5671)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4D5DF
RGB	228, 213, 223
RGB Percent	89%, 84%, 87%
CMY	0.1059, 0.1647, 0.1255
CMYK	0.00, 0.07, 0.02, 0.11
HSL	320°, 22%, 86%
HSV	320°, 7%, 89%
XYZ	69.1084, 69.4102, 79.5671
YIQ	218.6250, 5.7300, 6.2900

# Conversions

## Conversions Part 2

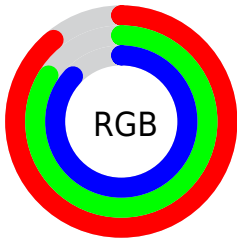
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	228, 213, 223
Decimal	14996959
CIE Lab	86.71, 6.91, -3.06
CIE LCh	87, 7.556, 336.077
Yxy	69.4102, 0.3169, 0.3183
Android (android.graphics.Color)	4293187039 (0xFFE4D5DF)
YUV	218.6250, 2.1569, 8.2219
Hunter-Lab	83.3128, 2.2693, 1.6946

# Details

The XYZ color **69.1084, 69.4102, 79.5671** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8415, 74.6967, 77.1756**, and the grayscale version is **67.0566, 70.5488, 76.8277**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5283, 36.1651, 42.1011** is the 20% darker color. If you saturate the color by 10%, you get **62.7704, 58.3370, 72.5112**, and if you desaturate by 10%, it is **76.3026, 82.1203, 87.1371**.

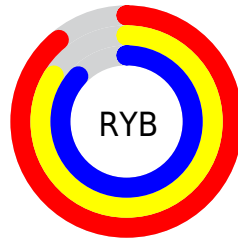
# Distribution



Red (89%)

Green (84%)

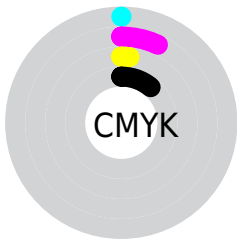
Blue (87%)



Red (89%)

Yellow (84%)

Blue (87%)

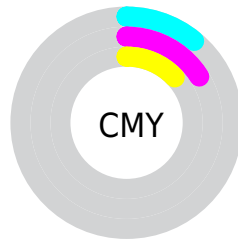


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1084, 69.4102, 79.5671 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 69.1084, 69.4102, 79.5671 by changing the saturation by 10% instead.



69.1084, 69.4102,  
79.5671

69.1084, 69.4102,  
79.5671

446.7286,  
458.4764, 513.1410

51.0770, 51.0458,  
58.8381

116.9696,  
118.3673, 134.5628

36.4912, 36.2451,  
42.0637

147.5301,  
149.7288, 169.6666

24.9856, 24.6235,  
28.8252

182.9976,  
186.1915, 210.3991

16.1950, 15.7968,  
18.7042

223.7376,  
228.1397, 257.1789

9.7540, 9.3805,  
11.2821

270.1153,  
275.9580, 310.4244

5.2972, 4.9902,  
6.1403

322.4961,

2.4592, 2.2415,

330.0306, 370.5542

2.8604

381.2454,  
390.7419, 437.9869

■ 0.8747, 0.7425,  
1.0238

■ 0.0000, 0.0000,  
0.0000

■ 69.1084, 69.4102,  
79.5671

■ 69.1084, 69.4102,  
79.5671

■ 62.7704, 58.3370,  
72.5112

■ 76.3026, 82.1203,  
87.1371

■ 57.2486, 48.8244,  
65.9507

■ 83.2181, 94.1993,  
94.8433

■ 52.5087, 40.8038,  
59.8719

■ 84.3603, 94.6562,  
100.8579

■ 48.5113, 34.1975,  
54.2587

■ 85.5502, 95.1321,  
107.1239

■ 45.2137, 28.9212,  
49.0937

■ 85.8053, 95.2342,  
108.4674

■ 42.5686, 24.8812,  
44.3579

■ 40.5226, 21.9717,  
40.0303

■ 39.0132, 20.0689,  
36.0866

■ 37.9615, 19.0162,  
32.4972

# Harmonies

## Analogous

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



67.9815, 69.4102, 83.6674



69.1084, 69.4102, 79.5671



69.3885, 69.4102, 74.5565

# Triad

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



69.1084, 69.4102, 79.5671



65.6154, 69.4102, 66.3587



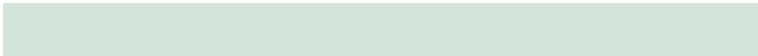
63.2797, 69.4102, 81.4169

# Complementary

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



69.1084, 69.4102, 79.5671



67.8415, 74.6967, 77.1756

# 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.



62.6701, 69.4102, 76.6046



69.1084, 69.4102, 79.5671



64.0031, 69.4102, 68.0237

# Square

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



69.1084, 69.4102, 79.5671



67.3516, 69.4102, 67.0735



62.9326, 69.4102, 71.7205



64.6120, 69.4102, 84.7681



# Rectangle

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



69.1084, 69.4102, 79.5671



69.0531, 69.4102, 71.4028



62.9326, 69.4102, 71.7205



62.9846, 69.4102, 79.9086

# Sweetspot

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



69.1104, 69.4132, 79.5686



93.1719, 96.6800, 106.9293



66.7140, 68.0988, 83.0279



19.9623, 20.7283, 22.9080



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.



69.1104, 69.4132, 79.5686



87.8080, 87.2375, 101.1789



68.1216, 69.0177, 74.3619



14.7801, 14.5292, 17.0424



21.8039, 10.8558, 18.3943



1.6539, 0.8193, 1.5840



# Inverse Universe

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



69.1104, 69.4132, 79.5686



87.8080, 87.2375, 101.1789



68.8451, 75.0981, 82.4606



14.7801, 14.5292, 17.0424



21.8039, 10.8558, 18.3943

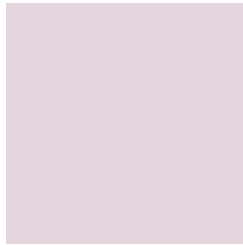


1.6539, 0.8193, 1.5840



# Previews

## White Background



This preview shows how the XYZ color 69.1084, 69.4102, 79.5671 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

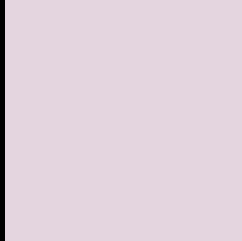
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.1084, 69.4102, 79.5671 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

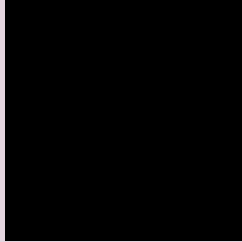
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

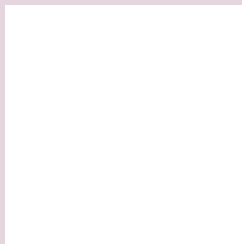
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 69.1084, 69.4102, 79.5671

## Background



This preview shows how black text looks on a background with the XYZ color 69.1084, 69.4102, 79.5671.



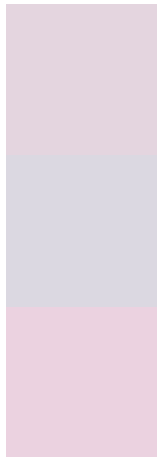
This preview shows how white text looks on a background with the XYZ color 69.1084, 69.4102,

79.5671.

# 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

69.1084, 69.4102, 79.5671

### Protanopia

67.3599, 69.6080, 81.1196

### Deuteranopia

70.7621, 69.1372, 80.1363



## Tritanopia

69.9994, 69.4021, 83.8353

# Trichromacy



## Original Color

69.1084, 69.4102, 79.5671

## Protanomaly

67.8792, 69.5123, 80.3606

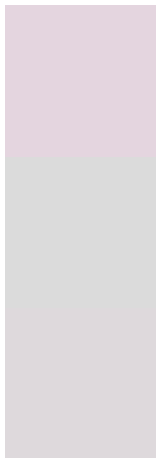
## Deuteranomaly

70.0275, 69.1262, 80.1728

## Tritanomaly

69.7217, 69.2910, 82.3728

# Monochromacy



## Original Color

69.1084, 69.4102, 79.5671

## Achromatopsia

67.3311, 70.8376, 77.1421

## Achromatomaly

67.8553, 70.3226, 77.7074

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.1084, 69.4102, 79.5671 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(228, 213, 223) looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 223)  
}
```

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(228, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 223) }
```

## Border

The CSS property to change the border of an element to XYZ 69.1084, 69.4102, 79.5671 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(228, 213, 223) }
```



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

```
.border{ border-color:rgb(228, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 213, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 213, 223); box-shadow:4px 4px 4px 4px rgb(228, 213, 223) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.1084, 69.4102, 79.5671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 223) }
```

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

```
.background{ background-color: rgb(228,  
213, 223) }
```

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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