

# Converting Colors

XYZ(71.4605, 68.8193, 84.5489)

Have a look what the booklet for  
XYZ(71.4605, 68.8193, 84.5489)  
contains.

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# Color

**XYZ(71.4309, 68.6578,  
84.3504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECD0E6
RGB	236, 208, 230
RGB Percent	93%, 82%, 90%
CMY	0.0745, 0.1843, 0.0980
CMYK	0.00, 0.12, 0.03, 0.07
HSL	313°, 42%, 87%
HSV	313°, 12%, 93%
XYZ	71.4309, 68.6578, 84.3504
YIQ	218.8800, 9.6260, 12.7780

# Conversions

## Conversions Part 2

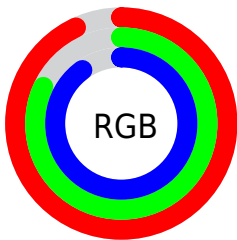
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 208, 230
Decimal	15519974
CIE Lab	86.33, 13.49, -7.25
CIE LCh	86, 15.316, 331.764
Yxy	68.6578, 0.3183, 0.3059
Android (android.graphics.Color)	4293710054 (0xFFECD0E6)
YUV	218.8800, 5.4822, 15.0142
Hunter-Lab	82.8600, 8.8740, -2.3544

# Details

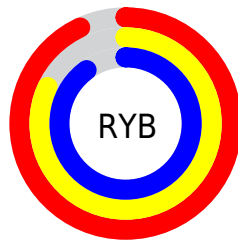
The XYZ color **71.4309, 68.6578, 84.3504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1482, 78.2578, 75.1355**, and the grayscale version is **67.2090, 70.7091, 77.0022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1159, 35.9096, 45.4798** is the 20% darker color. If you saturate the color by 10%, you get **65.4003, 57.7159, 78.8870**, and if you desaturate by 10%, it is **78.3423, 81.3262, 90.2107**.

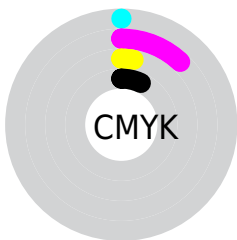
# Distribution



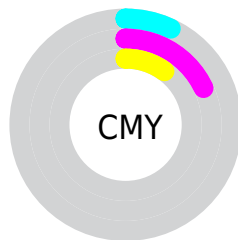
- Red (93%)
- Green (82%)
- Blue (90%)



- Red (93%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4309, 68.6578, 84.3504 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 71.4309, 68.6578, 84.3504 by changing the saturation by 10% instead.



71.4309, 68.6578,  
84.3504

71.4309, 68.6578,  
84.3504

454.7468,  
455.8231, 529.5645

52.9777, 50.4331,  
62.7577

120.2623,  
117.2927, 141.3313

38.0124, 35.7576,  
45.2055

151.3711,  
148.4716, 177.5566

26.1696, 24.2471,  
31.2752

187.4293,  
184.7374, 219.4966

17.0839, 15.5170,  
20.5483

228.8021,  
226.4745, 267.5697

10.3900, 9.1830,  
12.6062

275.8549,  
274.0672, 322.1945

5.7225, 4.8608,  
7.0304

328.9530,

2.7162, 2.1658,

327.8999, 383.7895

3.4024

388.4619,  
388.3571, 452.7734

■ 1.0055, 0.7012,  
1.3036

■ 0.0000, 0.0000,  
0.0647

■ 71.4309, 68.6578,  
84.3504

■ 71.4309, 68.6578,  
84.3504

■ 65.4003, 57.7159,  
78.8870

■ 78.3423, 81.3262,  
90.2107

■ 60.2065, 48.4161,  
73.8026

■ 86.0982, 95.6514,  
96.4542

■ 55.8110, 40.6802,  
69.0843

■ 86.8608, 95.9564,  
100.4700

■ 52.1696, 34.4205,  
64.7165

■ 87.6445, 96.2699,  
104.5970

■ 49.2338, 29.5401,  
60.6821

■ 88.4026, 96.5731,  
108.5889

■ 46.9494, 25.9309,  
56.9622

■ 45.2540, 23.4686,  
53.5351

■ 44.0727, 22.0033,  
50.3749

■ 43.3941, 21.3537,  
47.9673

# Harmonies

## Analogous

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



68.9013, 68.6578, 92.5602



71.4309, 68.6578, 84.3504



72.2900, 68.6578, 74.1591

# Triad

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



71.4309, 68.6578, 84.3504



65.0482, 68.6578, 56.9377



59.6467, 68.6578, 85.4802

# Complementary

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



71.4309, 68.6578, 84.3504



68.1482, 78.2578, 75.1355

# 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.



58.6959, 68.6578, 75.3575



71.4309, 68.6578, 84.3504



61.7438, 68.6578, 59.3963

# Square

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



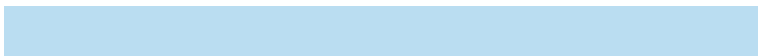
71.4309, 68.6578, 84.3504



68.5263, 68.6578, 58.8838



59.4498, 68.6578, 65.9194



62.0937, 68.6578, 93.2528



# Rectangle

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



71.4309, 68.6578, 84.3504



71.7760, 68.6578, 67.7683



59.4498, 68.6578, 65.9194



59.1456, 68.6578, 82.2097

# Sweetspot

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



71.4329, 68.6608, 84.3519



91.5319, 93.5239, 106.0008



65.3141, 65.4074, 88.5405



19.4542, 19.7655, 22.5737



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

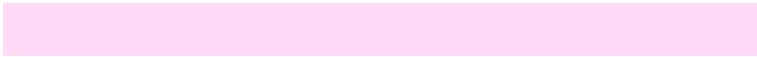


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4329, 68.6608, 84.3519



83.4923, 78.8167, 99.0908



69.5968, 67.9263, 74.6831



15.5685, 15.2553, 18.2792



23.9689, 11.7902, 26.7012



1.9165, 0.9396, 2.2777



# Inverse Universe

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



71.4329, 68.6608, 84.3519



83.4923, 78.8167, 99.0908



69.9583, 78.9818, 84.6678



15.5685, 15.2553, 18.2792



23.9689, 11.7902, 26.7012

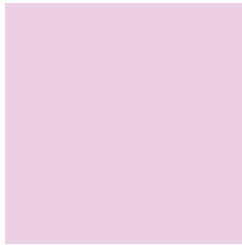


1.9165, 0.9396, 2.2777



# Previews

## White Background



This preview shows how the XYZ color 71.4309, 68.6578, 84.3504 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 71.4309, 68.6578, 84.3504 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

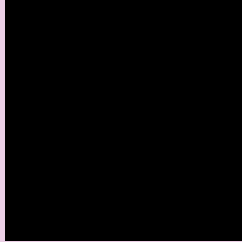
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 71.4309, 68.6578, 84.3504

## Background



This preview shows how black text looks on a background with the XYZ color 71.4309, 68.6578, 84.3504.



This preview shows how white text looks on a background with the XYZ color 71.4309, 68.6578,



# 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

71.4309, 68.6578, 84.3504

### Protanopia

67.1761, 68.9885, 87.6174

### Deuteranopia

70.2845, 68.7953, 84.4373



## Tritanopia

70.6520, 68.6993, 80.7707

# Trichromacy



## Original Color

71.4309, 68.6578, 84.3504

## Protanomaly

68.6829, 68.6581, 86.7232

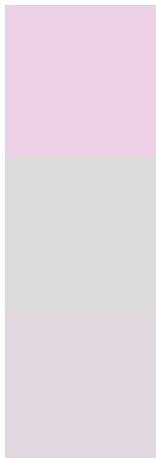
## Deuteranomaly

70.6877, 68.6377, 84.3857

## Tritanomaly

70.9265, 68.8091, 82.2163

# Monochromacy



## Original Color

71.4309, 68.6578, 84.3504

## Achromatopsia

67.3311, 70.8376, 77.1421

## Achromatomaly

68.6711, 69.9361, 79.6917

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.4309, 68.6578, 84.3504 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(236, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(236, 208, 230)  
}
```

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(236, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 71.4309, 68.6578, 84.3504 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(236, 208, 230) }
```



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

```
.border{ border-color:rgb(236, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.4309, 68.6578, 84.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 230) }
```

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

```
.background{ background-color: rgb(236,  
208, 230) }
```

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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