

# Converting Colors

XYZ(68.9327, 65.0649, 75.9435)

Have a look what the booklet for  
XYZ(68.9327, 65.0649, 75.9435)  
contains.

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# Color

**XYZ(68.9327, 65.0649,  
75.9435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC9DB
RGB	238, 201, 219
RGB Percent	93%, 79%, 86%
CMY	0.0667, 0.2117, 0.1412
CMYK	0.00, 0.16, 0.08, 0.07
HSL	331°, 52%, 86%
HSV	331°, 16%, 93%
XYZ	68.9327, 65.0649, 75.9435
YIQ	214.1150, 16.2740, 13.4420

# Conversions

## Conversions Part 2

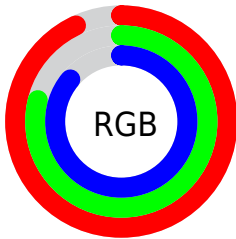
Format	Color
R <sub>Y</sub> B	238, 201, 219
Decimal	15649243
CIE Lab	84.52, 15.96, -4.06
CIE LCh	85, 16.472, 345.724
Yxy	65.0649, 0.3283, 0.3099
Android (android.graphics.Color)	4293839323 (0xFFEEC9DB)
YUV	214.1150, 2.4083, 20.9471
Hunter-Lab	80.6628, 11.3823, 0.6428

# Details

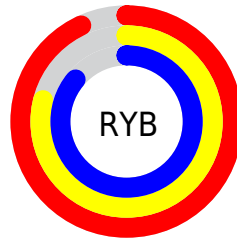
The XYZ color **68.9327, 65.0649, 75.9435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5827, 78.7356, 79.3493**, and the grayscale version is **63.9721, 67.3036, 73.2936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4260, 33.4929, 39.6669** is the 20% darker color. If you saturate the color by 10%, you get **62.2584, 54.1970, 66.0693**, and if you desaturate by 10%, it is **76.5885, 77.7050, 86.7295**.

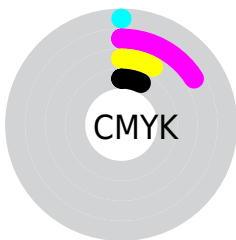
# Distribution



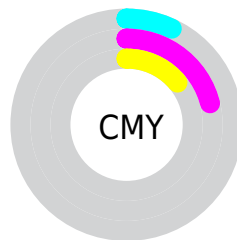
- Red (93%)
- Green (79%)
- Blue (86%)



- Red (93%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9327, 65.0649, 75.9435 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 68.9327, 65.0649, 75.9435 by changing the saturation by 10% instead.




 68.9327, 65.0649,  
75.9435

 68.9327, 65.0649,  
75.9435


446.1187,  
443.0252, 500.4960

 50.9333, 47.5137,  
55.8798


116.7200,  
112.1432, 129.4064

 36.3764, 33.4419,  
39.7032


147.2387,  
142.4390, 163.6427

 24.8965, 22.4652,  
26.9952


182.6613,  
177.7519, 203.4402

 16.1283, 14.1991,  
17.3372

223.3530,  
218.4661, 249.2176

 9.7064, 8.2593,  
10.3107

269.6792,  
264.9662, 301.3933

 5.2655, 4.2613,  
5.4972

322.0053,

 2.4402, 1.8208,

317.6365, 360.3859

2.4780

380.6967,  
376.8613, 426.6139

■ 0.8652, 0.5001,  
0.8285

■ 0.0000, 0.0000,  
0.0000

■ 68.9327, 65.0649,  
75.9435

■ 68.9327, 65.0649,  
75.9435

■ 62.2584, 54.1970,  
66.0693

■ 76.5885, 77.7050,  
86.7295

■ 56.5181, 45.0128,  
57.0761

■ 85.2595, 92.1834,  
98.4481

■ 51.6684, 37.4289,  
48.9376

■ 89.0702, 96.9173,  
108.6202

■ 47.6603, 31.3517,  
41.6241

■ 44.4397, 26.6774,  
35.1036

■ 41.9458, 23.2890,  
29.3416

■ 40.1081, 21.0503,  
24.2994

■ 38.8400, 19.7935,  
19.9327

■ 38.3993, 19.4330,  
18.1804

# Harmonies

## Analogous

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



67.0310, 65.0649, 85.9031



68.9327, 65.0649, 75.9435



68.8831, 65.0649, 65.5101

# Triad

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



68.9327, 65.0649, 75.9435



59.9504, 65.0649, 53.1250



57.0477, 65.0649, 86.3142

# Complementary

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



68.9327, 65.0649, 75.9435



67.5827, 78.7356, 79.3493

# 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.



55.2983, 65.0649, 76.4612



68.9327, 65.0649, 75.9435



56.9284, 65.0649, 57.6575

# Square

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



68.9327, 65.0649, 75.9435



63.5979, 65.0649, 53.0160



55.2555, 65.0649, 65.9792



60.1192, 65.0649, 92.2796



# Rectangle

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



68.9327, 65.0649, 75.9435



67.7470, 65.0649, 59.6925



55.2555, 65.0649, 65.9792



56.2910, 65.0649, 83.3058

# Sweetspot

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



68.9346, 65.0678, 75.9449



90.0801, 91.7186, 102.1308



65.6858, 63.0873, 89.6048



19.1365, 19.3918, 21.6613



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.



68.9346, 65.0678, 75.9449



77.7434, 71.3877, 84.6312



66.6915, 64.1705, 64.1329



16.0932, 15.8870, 18.0470



21.4876, 10.8675, 10.4845



1.8377, 0.9241, 1.1360



# Inverse Universe

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



68.9346, 65.0678, 75.9449



77.7434, 71.3877, 84.6312



70.0965, 79.7411, 92.5868



16.0932, 15.8870, 18.0470



21.4876, 10.8675, 10.4845

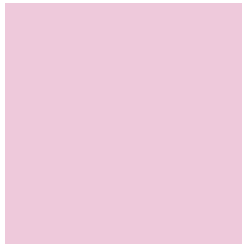


1.8377, 0.9241, 1.1360



# Previews

## White Background



This preview shows how the XYZ color 68.9327, 65.0649, 75.9435 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

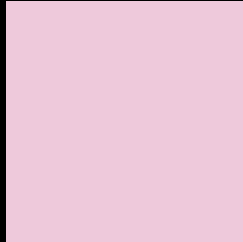
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 68.9327, 65.0649, 75.9435 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

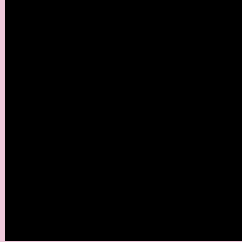
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 68.9327, 65.0649, 75.9435**

## **Background**



This preview shows how black text looks on a background with the XYZ color 68.9327, 65.0649, 75.9435.



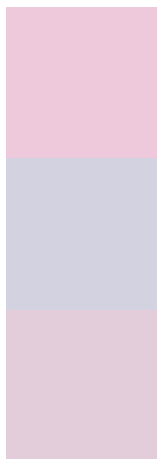
This preview shows how white text looks on a background with the XYZ color 68.9327, 65.0649,

75.9435.

# 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

68.9327, 65.0649, 75.9435

### Protanopia

63.3651, 65.3239, 79.7901

### Deuteranopia

66.4811, 65.2186, 75.4142



## Tritanopia

68.6709, 64.9602, 74.5649

# Trichromacy



## Original Color

68.9327, 65.0649, 75.9435

## Protanomaly

65.3164, 65.2717, 78.2634

## Deuteranomaly

67.5265, 65.4035, 75.3948

## Tritanomaly

68.8014, 65.0124, 75.2521

# Monochromacy



## Original Color

68.9327, 65.0649, 75.9435

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

65.6266, 66.2468, 74.2938

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 68.9327, 65.0649, 75.9435 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(238, 201, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 219)  
}
```

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(238, 201, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 68.9327, 65.0649, 75.9435 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(238, 201, 219) }
```



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

```
.border{ border-color:rgb(238, 201, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 68.9327, 65.0649, 75.9435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 219) }
```

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

```
.background{ background-color: rgb(238,  
201, 219) }
```

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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