

# Converting Colors

XYZ(73.3199, 74.8917, 86.9351)

Have a look what the booklet for  
XYZ(73.3199, 74.8917, 86.9351)  
contains.

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# Color

**XYZ(73.3199, 74.8917,  
86.9351)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DEE8
RGB	230, 222, 232
RGB Percent	90%, 87%, 91%
CMY	0.0980, 0.1294, 0.0902
CMYK	0.01, 0.04, 0.00, 0.09
HSL	288°, 18%, 89%
HSV	288°, 4%, 91%
XYZ	73.3199, 74.8917, 86.9351
YIQ	225.5320, 1.5580, 4.8060

# Conversions

## Conversions Part 2

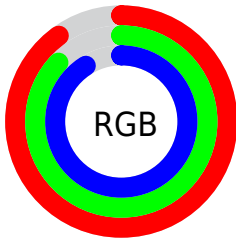
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 222, 232
Decimal	15130344
CIE Lab	89.34, 4.50, -3.92
CIE LCh	89, 5.966, 318.963
Yxy	74.8917, 0.3118, 0.3185
Android (android.graphics.Color)	4293320424 (0xFFE6DEE8)
YUV	225.5320, 3.1887, 3.9184
Hunter-Lab	86.5400, -0.2131, 1.0173

# Details

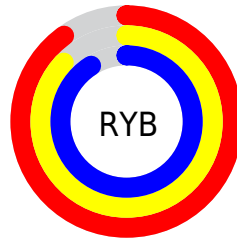
The XYZ color **73.3199, 74.8917, 86.9351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7846, 78.8364, 80.4917**, and the grayscale version is **71.9297, 75.6757, 82.4108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3344, 39.8860, 46.6999** is the 20% darker color. If you saturate the color by 10%, you get **66.1081, 62.6490, 84.9533**, and if you desaturate by 10%, it is **81.4235, 88.8569, 89.2047**.

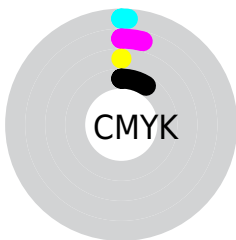
# Distribution



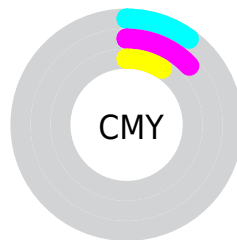
- Red (90%)
- Green (87%)
- Blue (91%)



- Red (90%)
- Yellow (87%)
- Blue (91%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3199, 74.8917, 86.9351 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 73.3199, 74.8917, 86.9351 by changing the saturation by 10% instead.



73.3199, 74.8917,  
86.9351

73.3199, 74.8917,  
86.9351

461.2094,  
477.5452, 538.3203

54.5269, 55.5242,  
64.8822

122.9319,  
126.1590, 144.9717

39.2554, 39.8215,  
46.9148

154.4817,  
158.8277, 181.7926

27.1401, 27.3994,  
32.6145

191.0143,  
196.6987, 224.3731

17.8156, 17.8734,  
21.5626

232.8953,  
240.1567, 273.1318

10.9166, 10.8592,  
13.3406

280.4900,  
289.5860, 328.4874

6.0776, 5.9722,  
7.5300

334.1636,

2.9335, 2.8282,

345.3709, 390.8583

3.7123

394.2817,  
407.8958, 460.6631

■ 1.1187, 1.0427,  
1.4689

■ 0.0407, 0.0000,  
0.1946

■ 73.3199, 74.8917,  
86.9351

■ 73.3199, 74.8917,  
86.9351

■ 66.1081, 62.6490,  
84.9533

■ 81.4235, 88.8569,  
89.2047

■ 59.7470, 52.0503,  
83.2428

■ 86.0184, 95.7466,  
90.2923

■ 54.2016, 43.0251,  
81.7930

■ 87.6082, 96.5661,  
90.3667

■ 49.4321, 35.4942,  
80.5908

■ 89.2385, 97.4066,  
90.4430

■ 45.3950, 29.3711,  
79.6217

■ 90.9097, 98.2681,  
90.5212

■ 42.0427, 24.5609,  
78.8699

■ 91.5657, 98.6063,  
90.5519

■ 39.3212, 20.9563,  
78.3176

■ 37.1682, 18.4331,  
77.9440

■ 35.5078, 16.8399,  
77.7240

# Harmonies

## Analogous

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



72.0980, 74.8917, 89.3830



73.3199, 74.8917, 86.9351



73.9721, 74.8917, 83.0925

# Triad

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



73.3199, 74.8917, 86.9351



71.7209, 74.8917, 73.9083



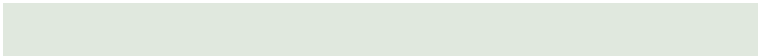
68.5614, 74.8917, 84.1837

# Complementary

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



73.3199, 74.8917, 86.9351



72.7846, 78.8364, 80.4917

# 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.



68.4636, 74.8917, 80.0155



73.3199, 74.8917, 86.9351



70.2744, 74.8917, 74.1779

# Square

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



73.3199, 74.8917, 86.9351



73.0405, 74.8917, 75.6317



69.0867, 74.8917, 76.3811



69.3559, 74.8917, 87.7574



# Rectangle

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



73.3199, 74.8917, 86.9351



73.9902, 74.8917, 80.2987



69.0867, 74.8917, 76.3811



68.4464, 74.8917, 82.8028

# Sweetspot

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



73.3221, 74.8949, 86.9367



94.0545, 98.2872, 108.6219



71.3932, 74.7601, 87.0124



20.1420, 21.0556, 23.2525



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.



73.3221, 74.8949, 86.9367



90.1844, 91.6526, 107.5452



73.5684, 75.0680, 84.8648



15.2866, 15.4642, 18.3235



19.3775, 9.0554, 43.1097



1.5039, 0.7063, 3.1890

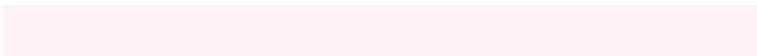


# Inverse Universe

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



72.8571, 74.7835, 81.1193



89.5176, 91.4936, 99.1687



72.5513, 78.6719, 82.4794



15.1591, 15.4339, 16.7166



18.7891, 9.6498, 2.5183

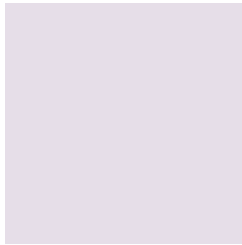


1.4211, 0.7262, 0.3582



# Previews

## White Background



This preview shows how the XYZ color 73.3199, 74.8917, 86.9351 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

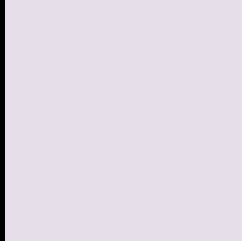
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.3199, 74.8917, 86.9351 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

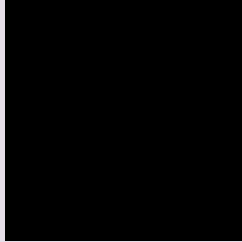
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

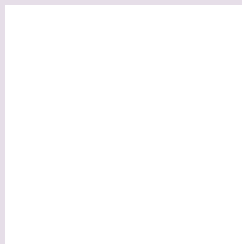
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 73.3199, 74.8917, 86.9351

## Background



This preview shows how black text looks on a background with the XYZ color 73.3199, 74.8917, 86.9351.



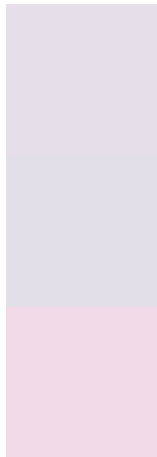
This preview shows how white text looks on a background with the XYZ color 73.3199, 74.8917,

86.9351.

# 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

73.3199, 74.8917, 86.9351

### Protanopia

72.4597, 74.8273, 87.7149

### Deuteranopia

76.3973, 74.9032, 87.5220



## Tritanopia

74.2441, 74.8749, 91.4281

# Trichromacy



## Original Color

73.3199, 74.8917, 86.9351

## Protanomaly

72.7742, 74.9894, 87.7296

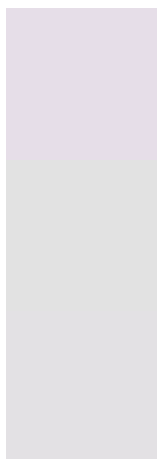
## Deuteranomaly

75.2994, 74.7234, 87.5451

## Tritanomaly

73.9518, 74.7580, 89.8889

# Monochromacy



## Original Color

73.3199, 74.8917, 86.9351

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.6074, 75.7828, 84.1995

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.3199, 74.8917, 86.9351 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(230, 222, 232) looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 232)  
}
```

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(230, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 232) }
```

## Border

The CSS property to change the border of an element to XYZ 73.3199, 74.8917, 86.9351 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(230, 222, 232) }
```



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

```
.border{ border-color:rgb(230, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
232) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.3199, 74.8917, 86.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 232) }
```

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

```
.background{ background-color: rgb(230,  
222, 232) }
```

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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