

Converting Colors

XYZ(73.2118, 74.7785, 90.6479)

Have a look what the booklet for
XYZ(73.2118, 74.7785, 90.6479)
contains.

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Color

**XYZ(73.0859, 74.6879,
90.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEED
RGB	227, 222, 237
RGB Percent	89%, 87%, 93%
CMY	0.1098, 0.1294, 0.0706
CMYK	0.04, 0.06, 0.00, 0.07
HSL	260°, 29%, 90%
HSV	260°, 6%, 93%
XYZ	73.0859, 74.6879, 90.6849
YIQ	225.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

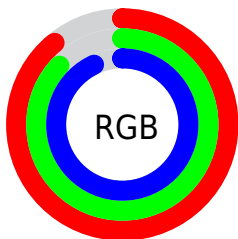
Format	Color
R _Y B	227, 222, 237
Decimal	14933741
CIE Lab	89.25, 4.42, -6.71
CIE LCh	89, 8.039, 303.390
Yxy	74.6879, 0.3065, 0.3132
Android (android.graphics.Color)	4293123821 (0xFFE3DEED)
YUV	225.2050, 5.8149, 1.5742
Hunter-Lab	86.4222, -0.2841, -1.7189

Details

The XYZ color **73.0859, 74.6879, 90.6849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7505, 83.0001, 81.0864**, and the grayscale version is **71.6778, 75.4106, 82.1221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1725, 39.7443, 49.3229** is the 20% darker color. If you saturate the color by 10%, you get **62.4709, 60.5205, 88.5109**, and if you desaturate by 10%, it is **85.0476, 90.8671, 93.1785**.

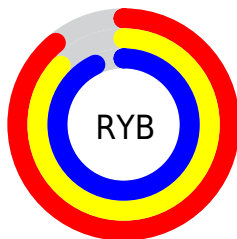
Distribution



Red (89%)

Green (87%)

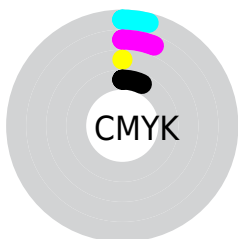
Blue (93%)



Red (89%)

Yellow (87%)

Blue (93%)

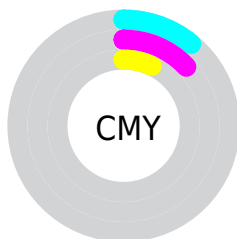


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0859, 74.6879, 90.6849 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 73.0859, 74.6879, 90.6849 by changing the saturation by 10% instead.

73.0859, 74.6879,
90.6849

73.0859, 74.6879,
90.6849

460.4117,
476.8442, 550.8838

54.3348, 55.3572,
67.9719

122.6016,
125.8705, 150.2332

39.1012, 39.6878,
49.4083

154.0970,
158.4912, 187.9056

27.0195, 27.2952,
34.5756

190.5712,
196.3107, 231.4016

17.7245, 17.7951,
23.0552

232.3895,
239.7134, 281.1397

10.8509, 10.8030,
14.4286

279.9174,
289.0837, 337.5384

6.0332, 5.9345,
8.2772

333.5201,

2.9061, 2.8053,

344.8060, 401.0163

4.1825

393.5631,
407.2647, 471.9919

■ 1.1043, 1.0309,
1.7260

■ 0.0287, 0.0000,
0.3785

■ 73.0859, 74.6879,
90.6849

■ 73.0859, 74.6879,
90.6849

■ 62.4709, 60.5205,
88.5109

■ 85.0476, 90.8671,
93.1785

■ 53.1472, 48.2756,
86.6388

■ 92.2863, 98.8945,
94.3464

■ 45.0648, 37.8713,
85.0566

■ 38.1680, 29.2160,
83.7495

■ 32.3965, 22.2100,
82.7013

■ 27.6844, 16.7432,
81.8945

■ 23.9580, 12.6918,
81.3089

■ 21.1327, 9.9115,
80.9212

■ 19.1060, 8.2239,
80.7022

Harmonies

Analogous

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



71.2120, 74.6879, 92.5963



73.0859, 74.6879, 90.6849



74.4166, 74.6879, 86.2605

Triad

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



73.0859, 74.6879, 90.6849



72.6925, 74.6879, 72.0365



67.2874, 74.6879, 81.9632

Complementary

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



73.0859, 74.6879, 90.6849



76.7505, 83.0001, 81.0864

Split Complementary

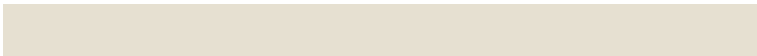
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6675, 74.6879, 76.5765



73.0859, 74.6879, 90.6849



70.7657, 74.6879, 71.0030

Square

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



73.0859, 74.6879, 90.6849



74.1866, 74.6879, 75.5180



68.9318, 74.6879, 72.6276



67.8839, 74.6879, 87.4169

Rectangle

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



73.0859, 74.6879, 90.6849



74.8039, 74.6879, 82.5730



68.9318, 74.6879, 72.6276



67.3053, 74.6879, 80.0846

Sweetspot

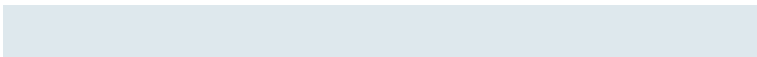
The Sweet Spot groups the original color and five complimentary colors.



73.0881, 74.6911, 90.6865



92.2044, 96.1498, 108.3068



74.3399, 79.5005, 91.5489



19.7654, 20.6204, 23.1883



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.



73.0881, 74.6911, 90.6865



84.0552, 85.1786, 106.6187



75.4235, 75.8950, 90.7958



14.7041, 14.7927, 19.0025



10.2286, 4.3090, 44.0356



0.9018, 0.3892, 3.4625

Inverse Universe

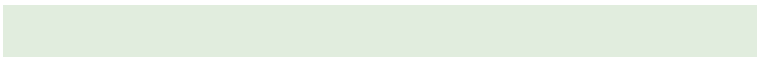
The Inverse Universe completely reimagines the original color for something new.



75.6144, 76.0767, 87.0467



87.8088, 87.2378, 101.1828



74.4450, 81.8116, 80.9785



15.4891, 15.2235, 17.8608



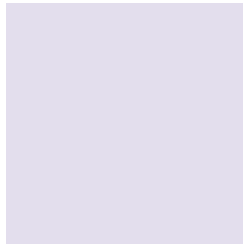
22.5023, 11.2036, 18.9784



1.8113, 0.8975, 1.7236

Previews

White Background



This preview shows how the XYZ color 73.0859, 74.6879, 90.6849 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 73.0859, 74.6879, 90.6849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

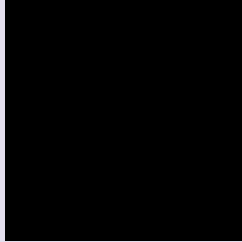
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

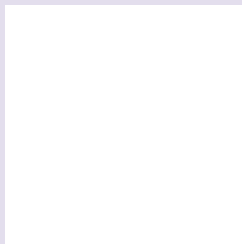
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0859, 74.6879, 90.6849

Background



This preview shows how black text looks on a background with the XYZ color 73.0859, 74.6879, 90.6849.

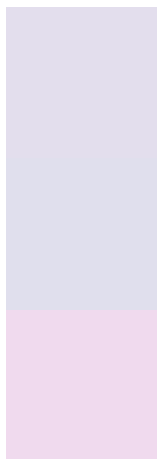


This preview shows how white text looks on a background with the XYZ color 73.0859, 74.6879,

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

73.0859, 74.6879, 90.6849

Protanopia

72.4142, 74.7371, 90.7298

Deuteranopia

76.4392, 74.8411, 91.3059



Tritanopia

73.3798, 74.8054, 92.2327

Trichromacy



Original Color

73.0859, 74.6879, 90.6849

Protanomaly

72.7251, 74.8973, 90.7444

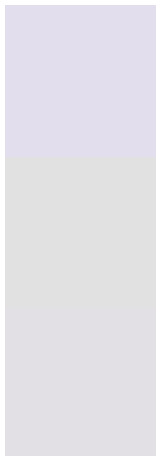
Deuteranomaly

75.0251, 74.4982, 91.3143

Tritanomaly

73.2324, 74.7465, 91.4567

Monochromacy



Original Color

73.0859, 74.6879, 90.6849

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1625, 75.1372, 84.8283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0859, 74.6879, 90.6849 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(227, 222, 237) looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 237)  
}
```

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(227, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.0859, 74.6879, 90.6849 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(227, 222, 237) }
```


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

```
.border{ border-color:rgb(227, 222, 237) }
```

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

Here you see how a box with a 4 pixel rgb(227, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0859, 74.6879, 90.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 237) }
```

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

```
.background{ background-color: rgb(227,  
222, 237) }
```

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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