

Converting Colors

XYZ(72.8178, 74.3579, 82.9621)

Have a look what the booklet for
XYZ(72.8178, 74.3579, 82.9621)
contains.

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Color

**XYZ(73.0003, 74.4148,
83.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DDE3
RGB	232, 221, 227
RGB Percent	91%, 87%, 89%
CMY	0.0902, 0.1333, 0.1098
CMYK	0.00, 0.05, 0.02, 0.09
HSL	327°, 19%, 89%
HSV	327°, 5%, 91%
XYZ	73.0003, 74.4148, 83.1890
YIQ	224.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

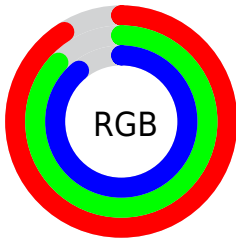
Format	Color
R _Y B	232, 221, 227
Decimal	15261155
CIE Lab	89.12, 4.80, -1.60
CIE LCh	89, 5.058, 341.569
Yxy	74.4148, 0.3166, 0.3227
Android (android.graphics.Color)	4293451235 (0xFFE8DDE3)
YUV	224.9730, 0.9993, 6.1627
Hunter-Lab	86.2640, 0.0923, 3.2083

Details

The XYZ color **73.0003, 74.4148, 83.1890** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4057, 78.5783, 83.3064**, and the grayscale version is **71.5412, 75.2669, 81.9657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9871, 39.4811, 44.5955** is the 20% darker color. If you saturate the color by 10%, you get **65.8820, 62.4366, 73.8518**, and if you desaturate by 10%, it is **81.0585, 88.1279, 93.2815**.

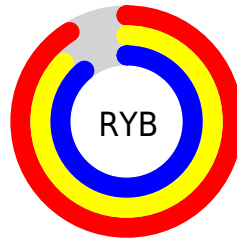
Distribution



Red (91%)

Green (87%)

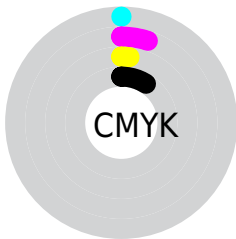
Blue (89%)



Red (91%)

Yellow (87%)

Blue (89%)

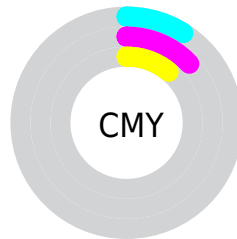


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0003, 74.4148, 83.1890 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 73.0003, 74.4148, 83.1890 by changing the saturation by 10% instead.

73.0003, 74.4148,
83.1890

73.0003, 74.4148,
83.1890

460.1196,
475.9038, 525.6037

54.2646, 55.1336,
61.8046

122.4808,
125.4836, 139.6917

39.0447, 39.5087,
44.4400

153.9562,
158.0401, 175.6471

26.9754, 27.1557,
30.6769

190.4090,
195.7904, 217.2966

17.6913, 17.6902,
20.0965

232.2044,
239.1189, 265.0586

10.8269, 10.7278,
12.2804

279.7078,
288.4102, 319.3518

6.0170, 5.8841,
6.8101

333.2846,

2.8962, 2.7747,

344.0485, 380.5947

3.2670

393.3001,
406.4182, 449.2058

■ 1.0991, 1.0153,
1.2325

■ 0.0244, 0.0000,
0.0055

■ 73.0003, 74.4148,
83.1890

■ 73.0003, 74.4148,
83.1890

■ 65.8820, 62.4366,
73.8518

■ 81.0585, 88.1279,
93.2815

■ 59.6612, 52.1141,
65.2453

■ 85.9980, 95.4596,
102.7813

■ 54.3015, 43.3760,
57.3501

■ 87.0892, 95.8960,
108.5274

■ 49.7614, 36.1425,
50.1443

■ 45.9961, 30.3261,
43.6042

■ 42.9561, 25.8309,
37.7047

■ 40.5856, 22.5486,
32.4181

■ 38.8204, 20.3533,
27.7135

■ 37.5820, 19.0915,
23.5549

Harmonies

Analogous

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



72.3125, 74.4148, 86.2075



73.0003, 74.4148, 83.1890



73.0753, 74.4148, 79.6721

Triad

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



73.0003, 74.4148, 83.1890



70.2550, 74.4148, 74.5587



68.9715, 74.4148, 85.6105

Complementary

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



73.0003, 74.4148, 83.1890



72.4057, 78.5783, 83.3064

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.



68.4336, 74.4148, 82.3933



73.0003, 74.4148, 83.1890



69.1688, 74.4148, 76.0546

Square

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



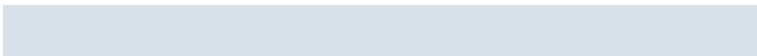
73.0003, 74.4148, 83.1890



71.4806, 74.4148, 74.7577



68.5054, 74.4148, 78.8990



69.9827, 74.4148, 87.6333

Rectangle

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



73.0003, 74.4148, 83.1890



72.7666, 74.4148, 77.5249



68.5054, 74.4148, 78.8990



68.7299, 74.4148, 84.6290

Sweetspot

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



73.0024, 74.4180, 83.1906



94.0557, 98.3093, 107.6504



71.7731, 73.7034, 86.7883



20.1423, 21.0601, 23.0548



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.



73.0024, 74.4180, 83.1906



89.2618, 90.1837, 101.5445



72.2624, 74.1220, 79.2935



15.1403, 15.2343, 17.2096



20.6484, 10.3936, 12.3092



1.5726, 0.7867, 1.1557

Inverse Universe

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



73.0024, 74.4180, 83.1906



89.2618, 90.1837, 101.5445



73.1652, 78.8821, 87.3057



15.1403, 15.2343, 17.2096



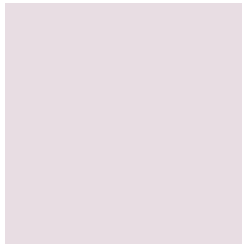
20.6484, 10.3936, 12.3092



1.5726, 0.7867, 1.1557

Previews

White Background



This preview shows how the XYZ color 73.0003, 74.4148, 83.1890 looks on a white background.

Color Contrast Check

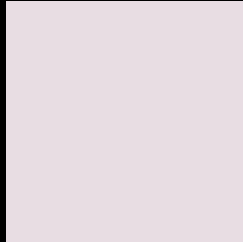
Large Text (above 18pt) WCAG AA × Fail

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 73.0003, 74.4148, 83.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

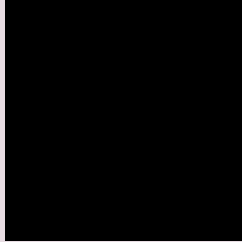
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

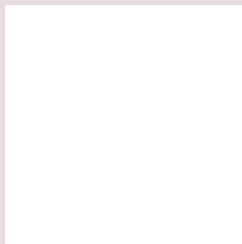
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0003, 74.4148, 83.1890

Background



This preview shows how black text looks on a background with the XYZ color 73.0003, 74.4148, 83.1890.

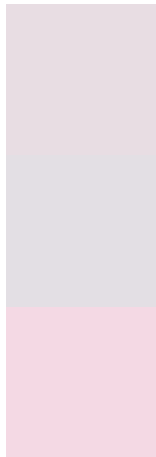


This preview shows how white text looks on a background with the XYZ color 73.0003, 74.4148,

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

73.0003, 74.4148, 83.1890

Protanopia

72.0698, 74.7077, 84.0203

Deuteranopia

76.1247, 74.4602, 83.7588



Tritanopia

74.2219, 74.1011, 90.5118

Trichromacy



Original Color

73.0003, 74.4148, 83.1890

Protanomaly

72.4380, 74.5020, 83.9612

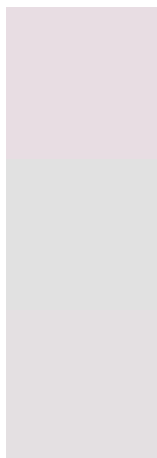
Deuteranomaly

75.0102, 74.2695, 83.7808

Tritanomaly

73.9055, 74.3932, 87.5549

Monochromacy



Original Color

73.0003, 74.4148, 83.1890

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3780, 75.2963, 82.6704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0003, 74.4148, 83.1890 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(232, 221, 227) looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 227)  
}
```

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(232, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 227) }
```

Border

The CSS property to change the border of an element to XYZ 73.0003, 74.4148, 83.1890 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(232, 221, 227) }
```


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

```
.border{ border-color:rgb(232, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0003, 74.4148, 83.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 227) }
```

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

```
.background{ background-color: rgb(232,  
221, 227) }
```

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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