

Converting Colors

XYZ(71.9822, 73.9389, 83.5007)

Have a look what the booklet for
XYZ(71.9822, 73.9389, 83.5007)
contains.

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Color

**XYZ(72.0347, 73.9170,
83.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DDE3
RGB	229, 221, 227
RGB Percent	90%, 87%, 89%
CMY	0.1020, 0.1333, 0.1098
CMYK	0.00, 0.03, 0.01, 0.10
HSL	315°, 13%, 88%
HSV	315°, 3%, 90%
XYZ	72.0347, 73.9170, 83.1438
YIQ	224.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

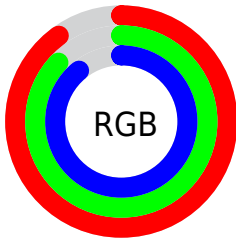
Format	Color
R _Y B	229, 221, 227
Decimal	15064547
CIE Lab	88.88, 3.78, -1.97
CIE LCh	89, 4.266, 332.482
Yxy	73.9170, 0.3144, 0.3226
Android (android.graphics.Color)	4293254627 (0xFFE5DDE3)
YUV	224.0760, 1.4415, 4.3183
Hunter-Lab	85.9750, -0.8989, 2.8449

Details

The XYZ color **72.0347, 73.9170, 83.1438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1602, 76.7405, 80.8778**, and the grayscale version is **70.8963, 74.5884, 81.2268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5382, 39.2497, 44.5745** is the 20% darker color. If you saturate the color by 10%, you get **65.6194, 62.3297, 77.1702**, and if you desaturate by 10%, it is **79.3052, 87.1706, 89.5340**.

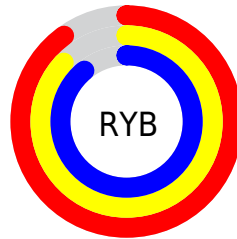
Distribution



Red (90%)

Green (87%)

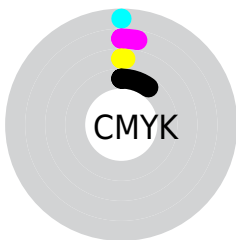
Blue (89%)



Red (90%)

Yellow (87%)

Blue (89%)

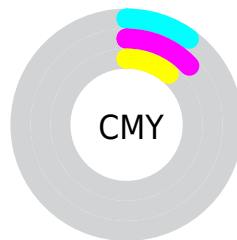


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0347, 73.9170, 83.1438 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 72.0347, 73.9170, 83.1438 by changing the saturation by 10% instead.

■ 72.0347, 73.9170,
83.1438

■ 72.0347, 73.9170,
83.1438

456.8181,
474.1869, 525.4492

■ 53.4726, 54.7261,
61.7675

121.1164,
124.7781, 139.6279

■ 38.4092, 39.1825,
44.4103

152.3667,
157.2172, 175.5727

■ 26.4791, 26.9017,
30.6536

188.5771,
194.8411, 217.2108

■ 17.3169, 17.4994,
20.0790

230.1130,
238.0342, 264.9607

■ 10.5574, 10.5912,
12.2678

277.3396,
287.1809, 319.2410

■ 5.8352, 5.7927,
6.8016

330.6225,

■ 2.7848, 2.7194,

342.6657, 380.4701

3.2618

390.3269,
404.8729, 449.0667

■ 1.0410, 0.9871,
1.2298

■ 0.0000, 0.0000,
0.0032

■ 72.0347, 73.9170,
83.1438

■ 72.0347, 73.9170,
83.1438

■ 65.6194, 62.3297,
77.1702

■ 79.3052, 87.1706,
89.5340

■ 60.0195, 52.3325,
71.5961

■ 83.5735, 94.3782,
95.0536

■ 55.2016, 43.8579,
66.4098

■ 84.4308, 94.7212,
99.5684

■ 51.1272, 36.8296,
61.5975

■ 85.3153, 95.0749,
104.2257

■ 47.7547, 31.1646,
57.1437

■ 86.1236, 95.3983,
108.4823

■ 45.0382, 26.7716,
53.0321

■ 42.9262, 23.5481,
49.2439

■ 41.3593, 21.3755,
45.7581

■ 40.2653, 20.1101,
42.5493

Harmonies

Analogous

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



71.3295, 73.9170, 85.3846



72.0347, 73.9170, 83.1438



72.2619, 73.9170, 80.2367

Triad

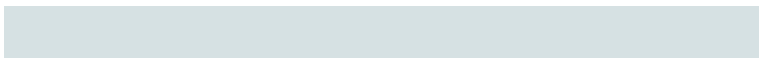
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0347, 73.9170, 83.1438



70.1698, 73.9170, 74.9250



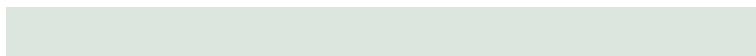
68.5913, 73.9170, 83.5811

Complementary

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



72.0347, 73.9170, 83.1438



71.1602, 76.7405, 80.8778

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.



68.2874, 73.9170, 80.7299



72.0347, 73.9170, 83.1438



69.1931, 73.9170, 75.7727

Square

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



72.0347, 73.9170, 83.1438



71.1789, 73.9170, 75.5360



68.5066, 73.9170, 77.8797



69.3409, 73.9170, 85.6415

Rectangle

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



72.0347, 73.9170, 83.1438



72.1098, 73.9170, 78.3244



68.5066, 73.9170, 77.8797



68.4340, 73.9170, 82.6810

Sweetspot

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



72.0368, 73.9202, 83.1454



94.1394, 98.3428, 108.0907



70.4338, 73.0617, 84.5199



20.1593, 21.0669, 23.1444



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.



72.0368, 73.9202, 83.1454



91.4738, 93.5006, 105.6950



71.4914, 73.7020, 80.2731



15.5058, 15.7672, 17.9420



22.7679, 11.2414, 23.4703



1.7190, 0.8453, 1.9270

Inverse Universe

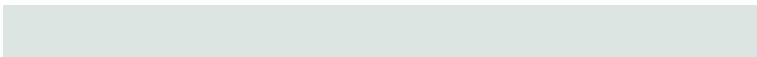
The Inverse Universe completely reimagines the original color for something new.



72.0368, 73.9202, 83.1454



91.4738, 93.5006, 105.6950



71.7057, 76.9587, 83.7501



15.5058, 15.7672, 17.9420



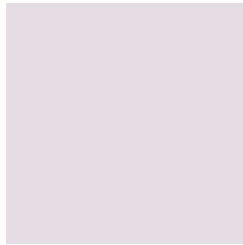
22.7679, 11.2414, 23.4703



1.7190, 0.8453, 1.9270

Previews

White Background



This preview shows how the XYZ color 72.0347, 73.9170, 83.1438 looks on a white background.

Color Contrast Check

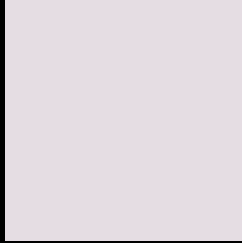
Large Text (above 18pt) WCAG AA × Fail

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 72.0347, 73.9170, 83.1438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

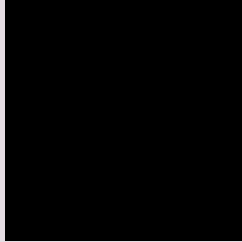
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

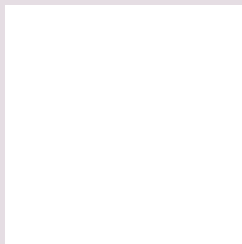
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0347, 73.9170, 83.1438

Background



This preview shows how black text looks on a background with the XYZ color 72.0347, 73.9170, 83.1438.

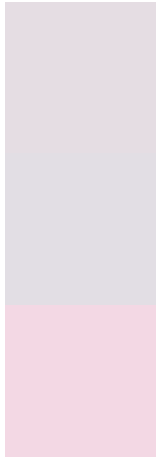


This preview shows how white text looks on a background with the XYZ color 72.0347, 73.9170,

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

72.0347, 73.9170, 83.1438

Protanopia

71.4889, 74.0127, 83.9168

Deuteranopia

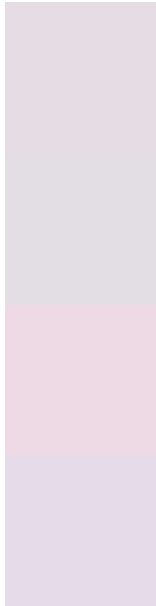
75.5216, 73.7679, 83.6570



Tritanopia

73.2507, 73.6005, 90.4663

Trichromacy



Original Color

72.0347, 73.9170, 83.1438

Protanomaly

71.8034, 74.1749, 83.9315

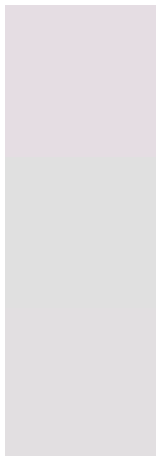
Deuteranomaly

74.3349, 73.9214, 83.7492

Tritanomaly

72.9343, 73.8926, 87.5094

Monochromacy



Original Color

72.0347, 73.9170, 83.1438

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3423, 74.3803, 81.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0347, 73.9170, 83.1438 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(229, 221, 227) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 221, 227) }
```

Border

The CSS property to change the border of an element to XYZ 72.0347, 73.9170, 83.1438 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(229, 221, 227) }
```


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

```
.border{ border-color:rgb(229, 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(229, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(229, 221,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0347, 73.9170, 83.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 221, 227) }
```

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

```
.background{ background-color: rgb(229,  
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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