

Converting Colors

XYZ(74.0015, 74.6630, 82.3113)

Have a look what the booklet for
XYZ(74.0015, 74.6630, 82.3113)
contains.

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Color

**XYZ(73.9127, 74.5103,
82.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCE2
RGB	236, 220, 226
RGB Percent	93%, 86%, 89%
CMY	0.0745, 0.1372, 0.1137
CMYK	0.00, 0.07, 0.04, 0.07
HSL	338°, 30%, 89%
HSV	338°, 7%, 93%
XYZ	73.9127, 74.5103, 82.4378
YIQ	225.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

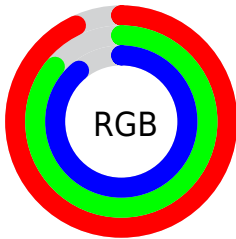
Format	Color
R _Y B	236, 220, 226
Decimal	15523042
CIE Lab	89.16, 6.50, -0.97
CIE LCh	89, 6.577, 351.521
Yxy	74.5103, 0.3202, 0.3227
Android (android.graphics.Color)	4293713122 (0xFFECDCE2)
YUV	225.4680, 0.2623, 9.2366
Hunter-Lab	86.3193, 1.7854, 3.7997

Details

The XYZ color **73.9127, 74.5103, 82.4378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7964, 80.9215, 86.5968**, and the grayscale version is **71.9010, 75.6454, 82.3778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6282, 39.5538, 44.0741** is the 20% darker color. If you saturate the color by 10%, you get **66.2129, 62.2117, 70.3092**, and if you desaturate by 10%, it is **82.6653, 88.6337, 95.7786**.

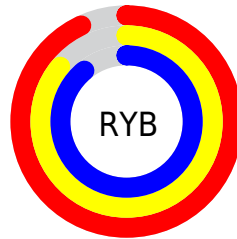
Distribution



Red (93%)

Green (86%)

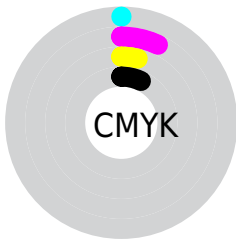
Blue (89%)



Red (93%)

Yellow (86%)

Blue (89%)

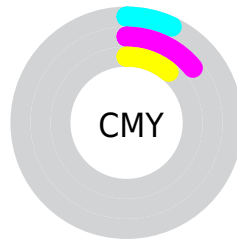


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9127, 74.5103, 82.4378 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 73.9127, 74.5103, 82.4378 by changing the saturation by 10% instead.


 73.9127, 74.5103,
82.4378

 73.9127, 74.5103,
82.4378


463.2270,
476.2327, 523.0328

 55.0136, 55.2118,
61.1886


123.7682,
125.6189, 138.6300

 39.6465, 39.5713,
43.9458


155.4554,
158.1978, 174.4100

 27.4460, 27.2045,
30.2910


192.1359,
195.9724, 215.8706

 18.0468, 17.7268,
19.8057

234.1752,
239.3269, 263.4305

 11.0835, 10.7541,
12.0712

281.9386,
288.6458, 317.5081

 6.1907, 5.9017,
6.6690

335.7914,

 3.0032, 2.7854,

344.3134, 378.5220

3.1807

396.0991,
406.7143, 446.8907

■ 1.1554, 1.0207,
1.1876

■ 0.0707, 0.0000,
0.0000

■ 73.9127, 74.5103,
82.4378

■ 73.9127, 74.5103,
82.4378

■ 66.2129, 62.2117,
70.3092

■ 82.6653, 88.6337,
95.7786

■ 59.5189, 51.6537,
59.3530

■ 88.4024, 96.5731,
108.5889

■ 53.7891, 42.7597,
49.5338

■ 48.9767, 35.4435,
40.8126

■ 45.0309, 29.6115,
33.1480

■ 41.8955, 25.1595,
26.4956

■ 39.5073, 21.9701,
20.8072

■ 37.7930, 19.9059,
16.0297

■ 36.6604, 18.7923,
12.1016

Harmonies

Analogous

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



73.2605, 74.5103, 86.7473



73.9127, 74.5103, 82.4378



73.7264, 74.5103, 77.9334

Triad

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



73.9127, 74.5103, 82.4378



69.6950, 74.5103, 73.1901



68.9190, 74.5103, 88.2383

Complementary

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



73.9127, 74.5103, 82.4378



73.7964, 80.9215, 86.5968

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.



67.9906, 74.5103, 84.4109



73.9127, 74.5103, 82.4378



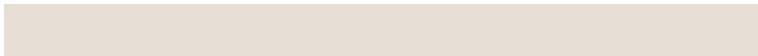
68.4339, 74.5103, 75.7588

Square

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



73.9127, 74.5103, 82.4378



71.2753, 74.5103, 72.7067



67.8144, 74.5103, 79.8342



70.3662, 74.5103, 90.1780

Rectangle

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



73.9127, 74.5103, 82.4378



73.1530, 74.5103, 75.4164



67.8144, 74.5103, 79.8342



68.5368, 74.5103, 87.1232

Sweetspot

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



73.9148, 74.5135, 82.4394



92.9354, 96.5854, 105.6837



73.3265, 74.0470, 89.7855



19.9142, 20.7090, 22.6545



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.



73.9148, 74.5135, 82.4394



86.8980, 86.8735, 96.3871



73.5987, 75.1752, 78.3453



15.2990, 15.1475, 16.8598



20.1071, 10.2455, 6.3651



1.6242, 0.8226, 0.7384

Inverse Universe

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



73.9148, 74.5135, 82.4394



86.8980, 86.8735, 96.3871



74.1187, 80.1953, 90.9305



15.2990, 15.1475, 16.8598



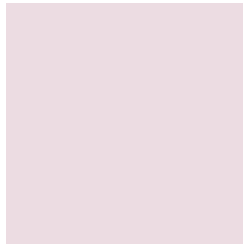
20.1071, 10.2455, 6.3651



1.6242, 0.8226, 0.7384

Previews

White Background



This preview shows how the XYZ color 73.9127, 74.5103, 82.4378 looks on a white background.

Color Contrast Check

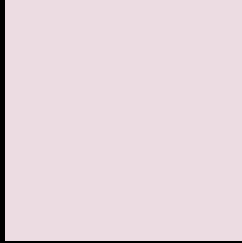
Large Text (above 18pt) WCAG AA × Fail

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 73.9127, 74.5103, 82.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

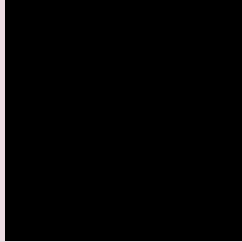
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

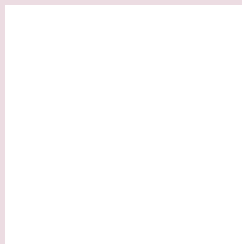
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9127, 74.5103, 82.4378

Background



This preview shows how black text looks on a background with the XYZ color 73.9127, 74.5103, 82.4378.

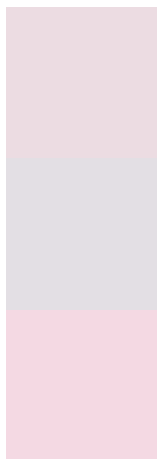


This preview shows how white text looks on a background with the XYZ color 73.9127, 74.5103,

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

73.9127, 74.5103, 82.4378

Protanopia

72.0698, 74.7077, 84.0203

Deuteranopia

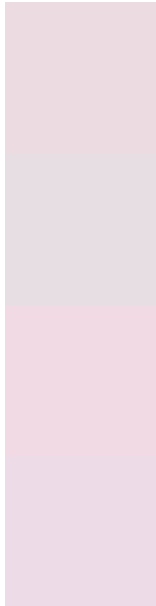
75.9862, 74.4049, 83.0297



Tritanopia

75.1368, 74.2035, 89.7194

Trichromacy



Original Color

73.9127, 74.5103, 82.4378

Protanomaly

72.6195, 74.6116, 83.2471

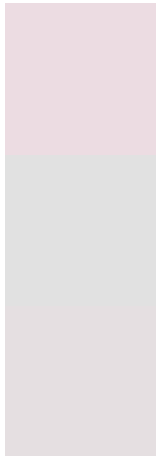
Deuteranomaly

75.2122, 74.3896, 83.0676

Tritanomaly

74.8221, 74.4938, 86.7791

Monochromacy



Original Color

73.9127, 74.5103, 82.4378

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2914, 74.8696, 81.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9127, 74.5103, 82.4378 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(236, 220, 226) looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 226)  
}
```

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(236, 220, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.9127, 74.5103, 82.4378 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(236, 220, 226) }
```


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

```
.border{ border-color:rgb(236, 220, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 220, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 220, 226); box-shadow:4px 4px 4px 4px rgb(236, 220, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9127, 74.5103, 82.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 226) }
```

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

```
.background{ background-color: rgb(236,  
220, 226) }
```

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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