

Converting Colors

XYZ(70.8314, 71.0040, 79.2063)

Have a look what the booklet for
XYZ(70.8314, 71.0040, 79.2063)
contains.

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Color

**XYZ(70.7640, 71.0306,
79.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D7DE
RGB	232, 215, 222
RGB Percent	91%, 84%, 87%
CMY	0.0902, 0.1568, 0.1294
CMYK	0.00, 0.07, 0.04, 0.09
HSL	335°, 27%, 88%
HSV	335°, 7%, 91%
XYZ	70.7640, 71.0306, 79.0879
YIQ	220.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

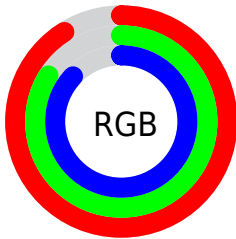
Format	Color
R _Y B	232, 215, 222
Decimal	15259614
CIE Lab	87.50, 7.05, -1.33
CIE LCh	87, 7.175, 349.284
Yxy	71.0306, 0.3204, 0.3216
Android (android.graphics.Color)	4293449694 (0xFFE8D7DE)
YUV	220.8810, 0.5517, 9.7514
Hunter-Lab	84.2797, 2.3851, 3.3581

Details

The XYZ color **70.7640, 71.0306, 79.0879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4743, 77.5985, 82.5016**, and the grayscale version is **68.6379, 72.2124, 78.6393**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4504, 37.1617, 41.7583** is the 20% darker color. If you saturate the color by 10%, you get **63.5145, 59.3412, 68.0078**, and if you desaturate by 10%, it is **79.0034, 84.4608, 91.2305**.

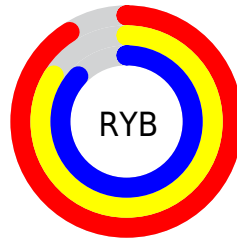
Distribution



Red (91%)

Green (84%)

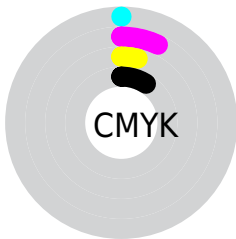
Blue (87%)



Red (91%)

Yellow (84%)

Blue (87%)

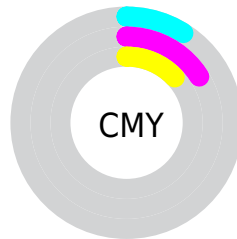


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7640, 71.0306, 79.0879 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 70.7640, 71.0306, 79.0879 by changing the saturation by 10% instead.

70.7640, 71.0306,
79.0879

70.7640, 71.0306,
79.0879

452.4527,
464.1604, 511.4791

52.4315, 52.3672,
58.4463

119.3180,
120.6773, 133.8824

37.5748, 37.2978,
41.7505

150.2701,
152.4293, 168.8724

25.8285, 25.4382,
28.5819

186.1595,
189.3131, 209.4823

16.8274, 16.4038,
18.5219

227.3515,
231.7128, 256.1306

10.2061, 9.8103,
11.1520

274.2115,
280.0131, 309.2359

5.5991, 5.2734,
6.0537

327.1048,

2.6412, 2.4085,

334.5981, 369.2168

2.8085

386.3967,
395.8524, 436.4917

■ 0.9670, 0.8303,
0.9977

■ 0.0000, 0.0000,
0.0000

■ 70.7640, 71.0306,
79.0879

■ 70.7640, 71.0306,
79.0879

■ 63.5145, 59.3412,
68.0078

■ 79.0034, 84.4608,
91.2305

■ 57.2104, 49.3119,
57.9556

■ 86.1852, 95.5345,
103.7672

■ 51.8123, 40.8691,
48.9012

■ 87.0892, 95.8960,
108.5274

■ 47.2761, 33.9303,
40.8113

■ 43.5534, 28.4054,
33.6503

■ 40.5912, 24.1945,
27.3804

■ 38.3293, 21.1843,
21.9601

■ 36.6979, 19.2425,
17.3438

■ 35.6058, 18.1944,
13.4772

Harmonies

Analogous

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



70.0117, 71.0306, 83.5868



70.7640, 71.0306, 79.0879



70.6341, 71.0306, 74.3000

Triad

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



70.7640, 71.0306, 79.0879



66.4424, 71.0306, 68.8644



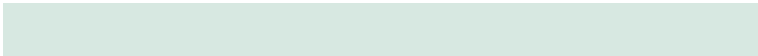
65.4098, 71.0306, 84.6291

Complementary

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



70.7640, 71.0306, 79.0879



70.4743, 77.5985, 82.5016

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.



64.4842, 71.0306, 80.4624



70.7640, 71.0306, 79.0879



65.0734, 71.0306, 71.4129

Square

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



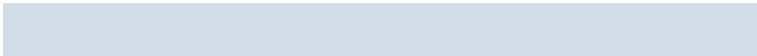
70.7640, 71.0306, 79.0879



68.1200, 71.0306, 68.5311



64.3621, 71.0306, 75.6185



66.9086, 71.0306, 86.8737

Rectangle

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



70.7640, 71.0306, 79.0879



70.0653, 71.0306, 71.5824



64.3621, 71.0306, 75.6185



65.0224, 71.0306, 83.3989

Sweetspot

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



70.7660, 71.0337, 79.0894



92.9651, 96.5973, 105.8403



69.8938, 70.4246, 86.2545



19.9202, 20.7114, 22.6863



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.



70.7660, 71.0337, 79.0894



86.0622, 85.3820, 95.5532



70.2097, 71.3907, 74.3730



14.6217, 14.4659, 16.2085



19.6935, 10.0116, 7.2810



1.5005, 0.7579, 0.7763

Inverse Universe

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



70.7660, 71.0337, 79.0894



86.0622, 85.3820, 95.5532



71.0515, 77.1940, 87.5001



14.6217, 14.4659, 16.2085



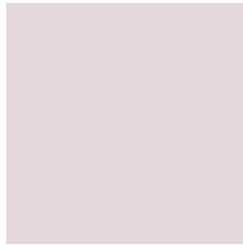
19.6935, 10.0116, 7.2810



1.5005, 0.7579, 0.7763

Previews

White Background



This preview shows how the XYZ color 70.7640, 71.0306, 79.0879 looks on a white background.

Color Contrast Check

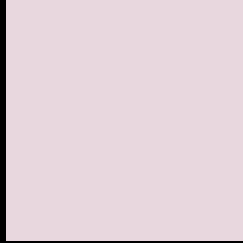
Large Text (above 18pt) WCAG AA × Fail

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 70.7640, 71.0306, 79.0879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

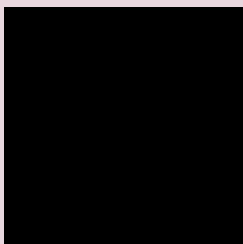
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7640, 71.0306, 79.0879

Background



This preview shows how black text looks on a background with the XYZ color 70.7640, 71.0306, 79.0879.

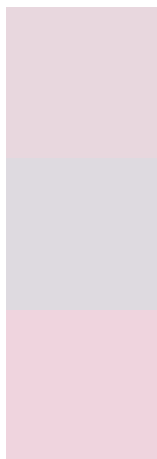


This preview shows how white text looks on a background with the XYZ color 70.7640, 71.0306,

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

70.7640, 71.0306, 79.0879

Protanopia

68.6502, 71.0542, 80.6176

Deuteranopia

72.3249, 70.7116, 78.9440



Tritanopia

71.9338, 71.1299, 84.8010

Trichromacy



Original Color

70.7640, 71.0306, 79.0879

Protanomaly

69.4962, 71.1222, 79.8771

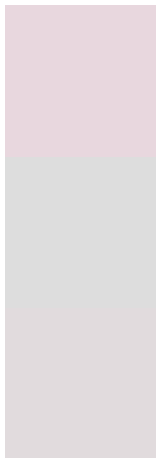
Deuteranomaly

71.5711, 70.6953, 78.9806

Tritanomaly

71.5160, 70.9628, 82.6009

Monochromacy



Original Color

70.7640, 71.0306, 79.0879

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4340, 71.8910, 78.6234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7640, 71.0306, 79.0879 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, 215, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 222)  
}
```

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, 215, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 222) }
```

Border

The CSS property to change the border of an element to XYZ 70.7640, 71.0306, 79.0879 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, 215, 222) }
```


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

```
.border{ border-color:rgb(232, 215, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 215, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 222);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7640, 71.0306, 79.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 222) }
```

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

```
.background{ background-color: rgb(232,  
215, 222) }
```

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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