

Converting Colors

XYZ(70.4452, 71.6114, 79.9216)

Have a look what the booklet for
XYZ(70.4452, 71.6114, 79.9216)
contains.

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Color

**XYZ(70.4452, 71.6114,
79.9216)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D9DF
RGB	229, 217, 223
RGB Percent	90%, 85%, 87%
CMY	0.1020, 0.1490, 0.1255
CMYK	0.00, 0.05, 0.03, 0.10
HSL	330°, 19%, 87%
HSV	330°, 5%, 90%
XYZ	70.4452, 71.6114, 79.9216
YIQ	221.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

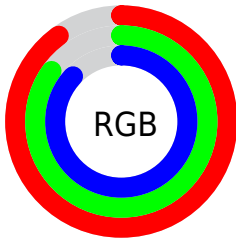
Format	Color
R_{YB}	229, 217, 223
Decimal	15063519
CIE Lab	87.78, 5.16, -1.48
CIE LCh	88, 5.364, 343.998
Yxy	71.6114, 0.3174, 0.3226
Android (android.graphics.Color)	4293253599 (0xFFE5D9DF)
YUV	221.2720, 0.8519, 6.7775
Hunter-Lab	84.6235, 0.5019, 3.2408

Details

The XYZ color **70.4452, 71.6114, 79.9216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9565, 76.1199, 80.8211**, and the grayscale version is **68.9116, 72.5004, 78.9529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4438, 37.6665, 42.3426** is the 20% darker color. If you saturate the color by 10%, you get **63.4554, 60.0194, 70.2293**, and if you desaturate by 10%, it is **78.3625, 84.8895, 90.4402**.

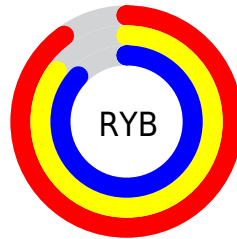
Distribution



Red (90%)

Green (85%)

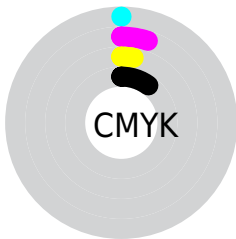
Blue (87%)



Red (90%)

Yellow (85%)

Blue (87%)

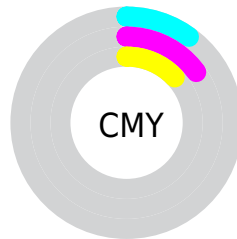


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4452, 71.6114, 79.9216 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 70.4452, 71.6114, 79.9216 by changing the saturation by 10% instead.

70.4452, 71.6114,
79.9216

70.4452, 71.6114,
79.9216

451.3537,
466.1879, 514.3684

52.1705, 52.8413,
59.1281

118.8662,
121.5039, 135.0659

37.3658, 37.6761,
42.2955

149.7432,
153.3951, 170.2537

25.6658, 25.7314,
29.0055

185.5517,
190.4287, 211.0768

16.7052, 16.6228,
18.8393

226.6571,
232.9892, 257.9535

10.1185, 9.9659,
11.3786

273.4246,
281.4610, 311.3025

5.5405, 5.3764,
6.2047

326.2196,

2.6057, 2.4697,

336.2284, 371.5423

2.8992

385.4075,
397.6759, 439.0914

■ 0.9489, 0.8614,
1.0434

■ 0.0000, 0.0000,
0.0000

■ 70.4452, 71.6114,
79.9216

■ 70.4452, 71.6114,
79.9216

■ 63.4554, 60.0194,
70.2293

■ 78.3625, 84.8895,
90.4402

■ 57.3516, 50.0362,
61.3368

■ 84.6940, 94.8264,
100.9546

■ 52.0977, 41.5924,
53.2225

■ 86.1235, 95.3982,
108.4822

■ 47.6530, 34.6100,
45.8620

■ 43.9732, 29.0039,
39.2294

■ 41.0095, 24.6803,
33.2970

■ 38.7069, 21.5333,
28.0344

■ 37.0021, 19.4400,
23.4079

■ 35.8174, 18.2495,
19.3788

Harmonies

Analogous

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



69.7794, 71.6114, 83.1263



70.4452, 71.6114, 79.9216



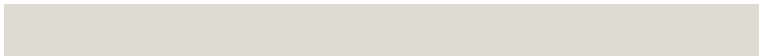
70.4679, 71.6114, 76.2888

Triad

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



70.4452, 71.6114, 79.9216



67.4740, 71.6114, 71.3650



66.3184, 71.6114, 82.9455

Complementary

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



70.4452, 71.6114, 79.9216



69.9565, 76.1199, 80.8211

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.



65.7164, 71.6114, 79.6811



70.4452, 71.6114, 79.9216



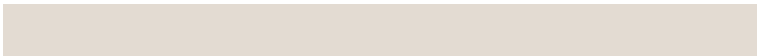
66.3779, 71.6114, 73.0365

Square

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



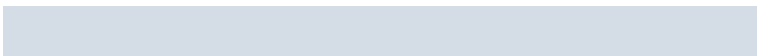
70.4452, 71.6114, 79.9216



68.7416, 71.6114, 71.4248



65.7380, 71.6114, 76.0556



67.3918, 71.6114, 84.9089

Rectangle

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



70.4452, 71.6114, 79.9216



70.1145, 71.6114, 74.1172



65.7380, 71.6114, 76.0556



66.0548, 71.6114, 81.9595

Sweetspot

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



70.4472, 71.6145, 79.9231



93.0365, 96.6259, 106.2163



69.3897, 70.9742, 84.1718



19.9348, 20.7173, 22.7629



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.



70.4472, 71.6145, 79.9231



89.1541, 90.1406, 100.9772



69.6528, 71.2967, 75.7399



15.1202, 15.2263, 17.1039



20.2876, 10.2493, 10.4095



1.5461, 0.7761, 1.0161

Inverse Universe

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



70.4472, 71.6145, 79.9231



89.1541, 90.1406, 100.9772



70.7796, 76.4491, 85.1553



15.1202, 15.2263, 17.1039



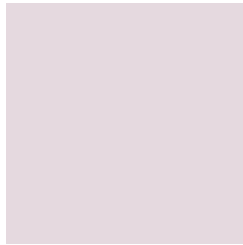
20.2876, 10.2493, 10.4095



1.5461, 0.7761, 1.0161

Previews

White Background



This preview shows how the XYZ color 70.4452, 71.6114, 79.9216 looks on a white background.

Color Contrast Check

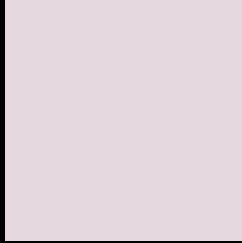
Large Text (above 18pt) WCAG AA × Fail

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 70.4452, 71.6114, 79.9216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

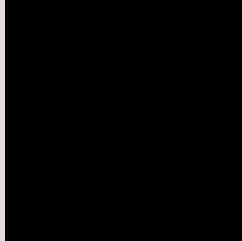
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

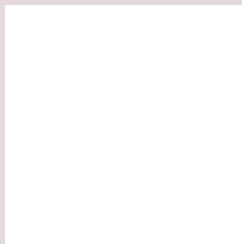
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4452, 71.6114, 79.9216

Background



This preview shows how black text looks on a background with the XYZ color 70.4452, 71.6114, 79.9216.



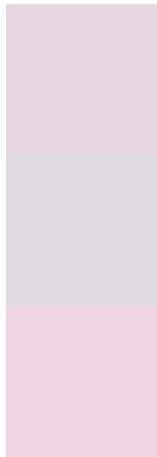
This preview shows how white text looks on a background with the XYZ color 70.4452, 71.6114,

79.9216.

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

70.4452, 71.6114, 79.9216

Protanopia

69.2175, 71.7328, 80.7187

Deuteranopia

73.1840, 71.4956, 80.4638



Tritanopia

71.7545, 71.7609, 86.4133

Trichromacy



Original Color

70.4452, 71.6114, 79.9216

Protanomaly

69.5773, 71.5322, 80.6610

Deuteranomaly

72.0932, 71.3078, 80.4851

Tritanomaly

71.3319, 71.5919, 84.1878

Monochromacy



Original Color

70.4452, 71.6114, 79.9216

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5185, 72.3076, 79.4000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4452, 71.6114, 79.9216 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, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(229, 217, 223)  
}
```

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, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 217, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.4452, 71.6114, 79.9216 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, 217, 223) }
```


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

```
.border{ border-color:rgb(229, 217, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(229, 217,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4452, 71.6114, 79.9216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 217, 223) }
```

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

```
.background{ background-color: rgb(229,  
217, 223) }
```

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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