

Converting Colors

XYZ(70.6885, 72.8424, 79.2536)

Have a look what the booklet for
XYZ(70.6885, 72.8424, 79.2536)
contains.

XYZ(70.7729, 72.9543, 79.4587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.7729, 72.9543,
79.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DCDE
RGB	228, 220, 222
RGB Percent	89%, 86%, 87%
CMY	0.1059, 0.1372, 0.1294
CMYK	0.00, 0.04, 0.03, 0.11
HSL	345°, 13%, 88%
HSV	345°, 4%, 89%
XYZ	70.7729, 72.9543, 79.4587
YIQ	222.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

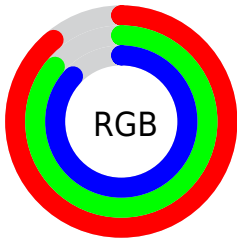
Format	Color
R _Y B	228, 220, 222
Decimal	14998750
CIE Lab	88.43, 3.08, -0.02
CIE LCh	88, 3.078, 359.664
Yxy	72.9543, 0.3171, 0.3269
Android (android.graphics.Color)	4293188830 (0xFFE4DCDE)
YUV	222.6200, -0.3057, 4.7183
Hunter-Lab	85.4133, -1.5693, 4.6327

Details

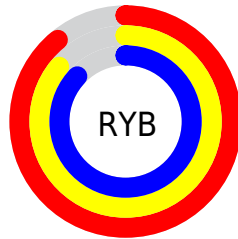
The XYZ color **70.7729, 72.9543, 79.4587** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9888, 76.1953, 82.9209**, and the grayscale version is **69.8715, 73.5102, 80.0527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6638, 38.5845, 42.0217** is the 20% darker color. If you saturate the color by 10%, you get **63.0148, 60.9226, 66.1281**, and if you desaturate by 10%, it is **79.5840, 86.7175, 94.2901**.

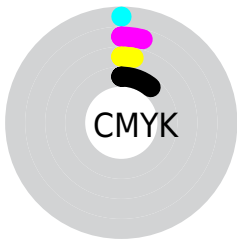
Distribution



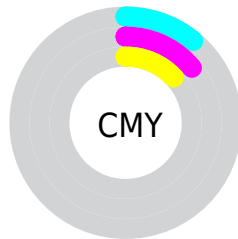
- Red (89%)
- Green (86%)
- Blue (87%)



- Red (89%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7729, 72.9543, 79.4587 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 70.7729, 72.9543, 79.4587 by changing the saturation by 10% instead.

70.7729, 72.9543,
79.4587

70.7729, 72.9543,
79.4587

452.4834,
470.8564, 512.7653

52.4388, 53.9386,
58.7495

119.3306,
123.4123, 134.4089

37.5806, 38.5526,
41.9928

150.2848,
155.6234, 169.4870

25.8331, 26.4118,
28.7701

186.1765,
193.0018, 210.1918

16.8308, 17.1320,
18.6629

227.3709,
235.9319, 256.9419

10.2085, 10.3286,
11.2526

274.2334,
284.7979, 310.1557

5.6007, 5.6174,
6.1207

327.1295,

2.6422, 2.6139,

339.9845, 370.2519

2.8486

386.4243,
401.8758, 437.6489

■ 0.9675, 0.9336,
1.0179

■ 0.0000, 0.0000,
0.0000

■ 70.7729, 72.9543,
79.4587

■ 70.7729, 72.9543,
79.4587

■ 63.0148, 60.9226,
66.1281

■ 79.5840, 86.7175,
94.2901

■ 56.2637, 50.5447,
54.2462

■ 85.8053, 95.2342,
108.4674

■ 50.4795, 41.7506,
43.7649

■ 45.6167, 34.4621,
34.6313

■ 41.6266, 28.5939,
26.7896

■ 38.4552, 24.0525,
20.1796

■ 36.0428, 20.7326,
14.7360

■ 34.3209, 18.5133,
10.3871

■ 33.2076, 17.2480,
7.0522

Harmonies

Analogous

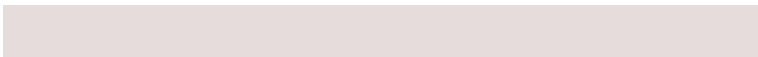
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5757, 72.9543, 81.5100



70.7729, 72.9543, 79.4587



70.5841, 72.9543, 77.4359

Triad

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



70.7729, 72.9543, 79.4587



68.6393, 72.9543, 75.9476



68.6250, 72.9543, 83.0026

Complementary

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



70.7729, 72.9543, 79.4587



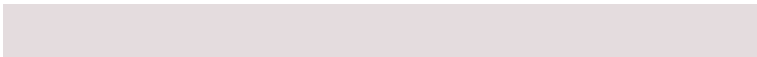
70.9888, 76.1953, 82.9209

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.



68.1123, 72.9543, 81.4679



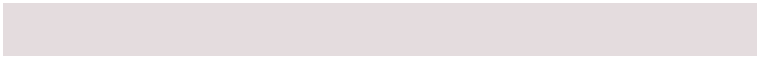
70.7729, 72.9543, 79.4587



68.1205, 72.9543, 77.3952

Square

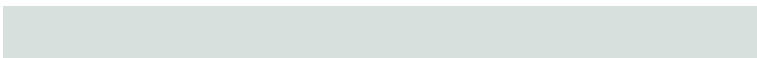
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



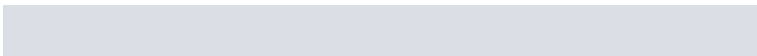
70.7729, 72.9543, 79.4587



69.3492, 72.9543, 75.4308



67.9283, 72.9543, 79.4110



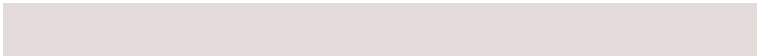
69.3325, 72.9543, 83.5782

Rectangle

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



70.7729, 72.9543, 79.4587



70.2656, 72.9543, 76.3701



67.9283, 72.9543, 79.4110



68.4243, 72.9543, 82.5805

Sweetspot

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



70.7750, 72.9575, 79.4603



93.9353, 98.2612, 107.0162



70.9632, 72.9599, 83.7422



20.1178, 21.0503, 22.9258



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.



70.7750, 72.9575, 79.4603



90.6739, 93.1807, 101.4828



71.0367, 73.9067, 78.2353



15.3461, 15.7034, 17.1014



18.9403, 9.7103, 3.3146



1.4362, 0.7322, 0.4374

Inverse Universe

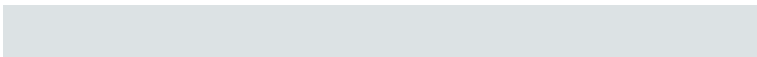
The Inverse Universe completely reimagines the original color for something new.



70.7750, 72.9575, 79.4603



90.6739, 93.1807, 101.4828



70.7176, 75.2120, 84.1899



15.3461, 15.7034, 17.1014



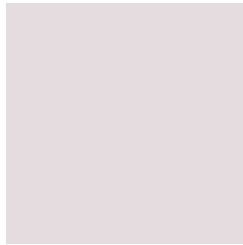
18.9403, 9.7103, 3.3146



1.4362, 0.7322, 0.4374

Previews

White Background



This preview shows how the XYZ color 70.7729, 72.9543, 79.4587 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 70.7729, 72.9543, 79.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

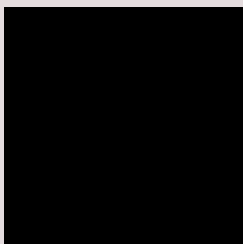
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

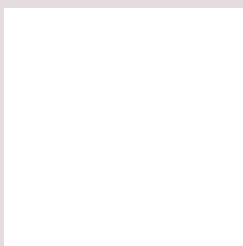
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7729, 72.9543, 79.4587

Background



This preview shows how black text looks on a background with the XYZ color 70.7729, 72.9543, 79.4587.

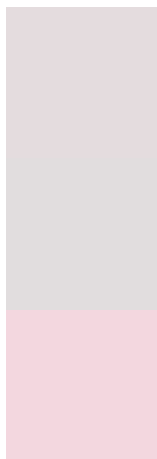


This preview shows how white text looks on a background with the XYZ color 70.7729, 72.9543,

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

70.7729, 72.9543, 79.4587

Protanopia

70.0926, 72.9944, 79.5023

Deuteranopia

74.5819, 72.9833, 79.9683



Tritanopia

72.6999, 72.9640, 88.8490

Trichromacy



Original Color

70.7729, 72.9543, 79.4587

Protanomaly

70.4053, 73.1556, 79.5169

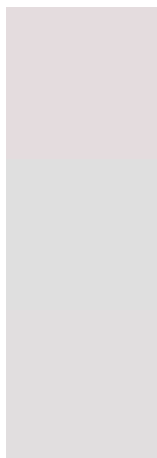
Deuteranomaly

73.3920, 73.1306, 80.0595

Tritanomaly

71.9275, 73.0342, 85.1689

Monochromacy



Original Color

70.7729, 72.9543, 79.4587

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4919, 73.5778, 80.2987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7729, 72.9543, 79.4587 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(228, 220, 222) looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 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(228, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 222) }
```

Border

The CSS property to change the border of an element to XYZ 70.7729, 72.9543, 79.4587 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(228, 220, 222) }
```


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

```
.border{ border-color:rgb(228, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 220,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7729, 72.9543, 79.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 220, 222) }
```

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

```
.background{ background-color: rgb(228,  
220, 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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