

Converting Colors

XYZ(70.6612, 72.7665, 83.1451)

Have a look what the booklet for
XYZ(70.6612, 72.7665, 83.1451)
contains.

XYZ(70.5097, 72.7400, 82.9970)	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(70.5097, 72.7400,
82.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DCE3
RGB	225, 220, 227
RGB Percent	88%, 86%, 89%
CMY	0.1176, 0.1372, 0.1098
CMYK	0.01, 0.03, 0.00, 0.11
HSL	283°, 11%, 88%
HSV	283°, 3%, 89%
XYZ	70.5097, 72.7400, 82.9970
YIQ	222.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

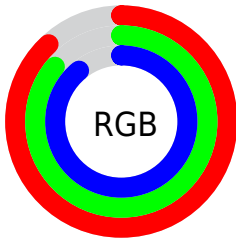
Format	Color
R _Y B	225, 220, 227
Decimal	14802147
CIE Lab	88.32, 2.96, -2.83
CIE LCh	88, 4.091, 316.264
Yxy	72.7400, 0.3116, 0.3215
Android (android.graphics.Color)	4292992227 (0xFFE1DCE3)
YUV	222.2930, 2.3206, 2.3740
Hunter-Lab	85.2877, -1.6828, 2.0039

Details

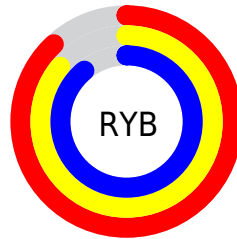
The XYZ color **70.5097, 72.7400, 82.9970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5142, 75.6370, 78.5967**, and the grayscale version is **69.6237, 73.2496, 79.7688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4791, 38.4349, 44.4730** is the 20% darker color. If you saturate the color by 10%, you get **62.9681, 60.6020, 81.0527**, and if you desaturate by 10%, it is **78.9413, 86.5418, 85.2177**.

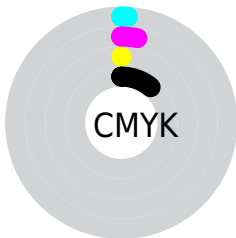
Distribution



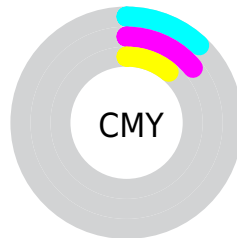
- Red (88%)
- Green (86%)
- Blue (89%)



- Red (88%)
- Yellow (86%)
- Blue (89%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5097, 72.7400, 82.9970 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 70.5097, 72.7400, 82.9970 by changing the saturation by 10% instead.

■ 70.5097, 72.7400,
82.9970

■ 70.5097, 72.7400,
82.9970

451.5762,
470.1132, 524.9473

■ 52.2233, 53.7634,
61.6471

118.9576,
123.1080, 139.4205

■ 37.4081, 38.4125,
44.3136

149.8499,
155.2683, 175.3311

■ 25.6987, 26.3030,
30.5782

185.6747,
192.5918, 216.9323

■ 16.7299, 17.0505,
20.0221

226.7976,
235.4631, 264.6428

■ 10.1362, 10.2705,
12.2269

273.5838,
284.2664, 318.8810

■ 5.5523, 5.5787,
6.7740

326.3988,

■ 2.6129, 2.5906,

339.3863, 380.0654

3.2448

385.6078,
401.2071, 448.6147

■ 0.9525, 0.9220,
1.2210

■ 0.0000, 0.0000,
0.0000

■ 70.5097, 72.7400,
82.9970

■ 70.5097, 72.7400,
82.9970

■ 62.9681, 60.6020,
81.0527

■ 78.9413, 86.5418,
85.2177

■ 56.2770, 50.0532,
79.3692

■ 84.8782, 95.2396,
86.5837

■ 50.4030, 41.0272,
77.9366

■ 87.0960, 96.3830,
86.6875

■ 45.3083, 33.4492,
76.7425

■ 89.3932, 97.5672,
86.7950

■ 40.9515, 27.2380,
75.7732

■ 90.8653, 98.3261,
86.8639

■ 37.2872, 22.3043,
75.0140

■ 34.2647, 18.5479,
74.4483

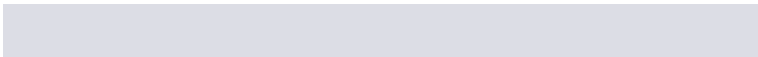
■ 31.8255, 15.8532,
74.0567

■ 29.8991, 14.0804,
73.8161

Harmonies

Analogous

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



69.6671, 72.7400, 84.5040



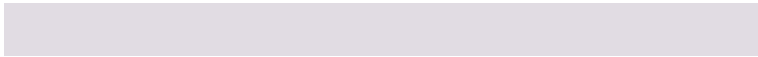
70.5097, 72.7400, 82.9970



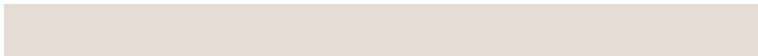
70.9866, 72.7400, 80.4918

Triad

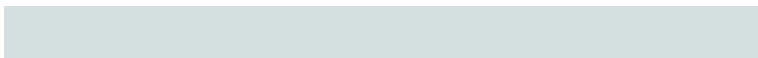
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5097, 72.7400, 82.9970



69.5863, 72.7400, 74.0666



67.3413, 72.7400, 80.7248

Complementary

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



70.5097, 72.7400, 82.9970



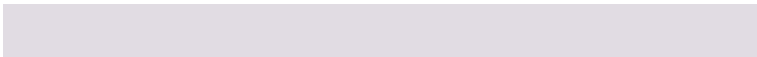
70.5142, 75.6370, 78.5967

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.



67.3202, 72.7400, 77.9251



70.5097, 72.7400, 82.9970



68.6100, 72.7400, 74.1256

Square

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



70.5097, 72.7400, 82.9970



70.4501, 72.7400, 75.3603



67.7826, 72.7400, 75.5235



67.8407, 72.7400, 83.1711

Rectangle

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



70.5097, 72.7400, 82.9970



71.0301, 72.7400, 78.6133



67.7826, 72.7400, 75.5235



67.2782, 72.7400, 79.7927

Sweetspot

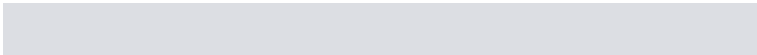
The Sweet Spot groups the original color and five complimentary colors.



70.5118, 72.7431, 82.9986



93.9742, 98.2458, 108.6181



69.5311, 73.0605, 83.1115



20.1257, 21.0471, 23.2517



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.



70.5118, 72.7431, 82.9986



90.8174, 93.1151, 107.7942



70.9465, 72.9895, 82.0148



15.3743, 15.6900, 18.3625



16.9099, 7.7833, 42.9942



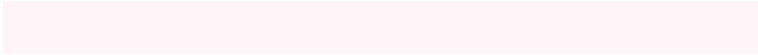
1.3399, 0.6217, 3.1814

Inverse Universe

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



70.4591, 72.7945, 79.4480



90.7311, 93.2035, 101.7838



70.0914, 75.3975, 79.5485



15.3575, 15.7079, 17.1613



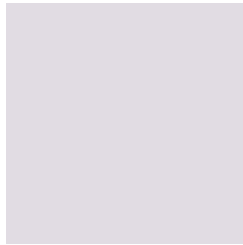
19.0731, 9.7634, 4.0138



1.4485, 0.7371, 0.5023

Previews

White Background



This preview shows how the XYZ color 70.5097, 72.7400, 82.9970 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 70.5097, 72.7400, 82.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

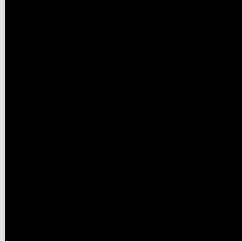
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

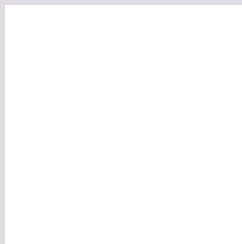
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5097, 72.7400, 82.9970

Background



This preview shows how black text looks on a background with the XYZ color 70.5097, 72.7400, 82.9970.



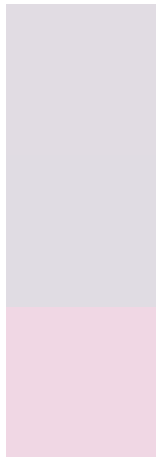
This preview shows how white text looks on a background with the XYZ color 70.5097, 72.7400,

82.9970.

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

70.5097, 72.7400, 82.9970

Protanopia

70.1988, 72.5797, 82.9825

Deuteranopia

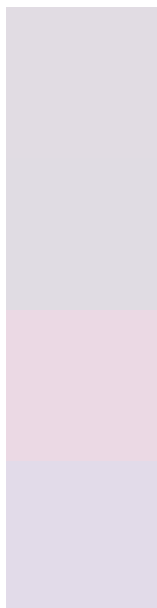
74.2392, 72.7276, 83.5238



Tritanopia

71.8359, 72.8879, 89.6395

Trichromacy



Original Color

70.5097, 72.7400, 82.9970

Protanomaly

70.1988, 72.5797, 82.9825

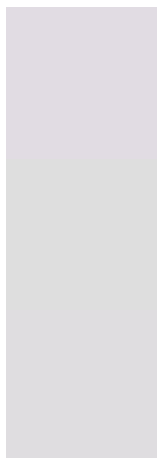
Deuteranomaly

73.0774, 72.8893, 83.6162

Tritanomaly

71.4035, 72.7150, 87.3628

Monochromacy



Original Color

70.5097, 72.7400, 82.9970

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.7424, 72.7827, 80.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5097, 72.7400, 82.9970 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(225, 220, 227) looks like.

```
.text, #text, p{  
    color:rgb(225, 220, 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(225, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 220, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.5097, 72.7400, 82.9970 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(225, 220, 227) }
```


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

```
.border{ border-color:rgb(225, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 220,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5097, 72.7400, 82.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 220, 227) }
```

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

```
.background{ background-color: rgb(225,  
220, 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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