

Converting Colors

XYZ(70.8725, 73.4578, 83.2844)

Have a look what the booklet for
XYZ(70.8725, 73.4578, 83.2844)
contains.

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Color

**XYZ(70.7729, 73.2665,
83.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DDE3
RGB	225, 221, 227
RGB Percent	88%, 87%, 89%
CMY	0.1176, 0.1333, 0.1098
CMYK	0.01, 0.03, 0.00, 0.11
HSL	280°, 10%, 88%
HSV	280°, 3%, 89%
XYZ	70.7729, 73.2665, 83.0848
YIQ	222.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

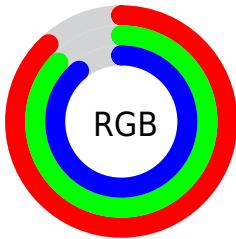
Format	Color
R _Y B	225, 221, 227
Decimal	14802403
CIE Lab	88.57, 2.44, -2.46
CIE LCh	89, 3.462, 314.723
Yxy	73.2665, 0.3116, 0.3226
Android (android.graphics.Color)	4292992483 (0xFFE1DDE3)
YUV	222.8800, 2.0312, 1.8592
Hunter-Lab	85.5959, -2.2043, 2.3664

Details

The XYZ color **70.7729, 73.2665, 83.0848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9545, 75.8486, 79.3109**, and the grayscale version is **70.0417, 73.6893, 80.2476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6602, 38.7970, 44.5334** is the 20% darker color. If you saturate the color by 10%, you get **62.8724, 60.8916, 81.1137**, and if you desaturate by 10%, it is **79.5926, 87.3223, 85.3341**.

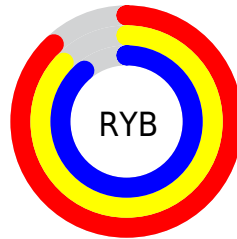
Distribution



Red (88%)

Green (87%)

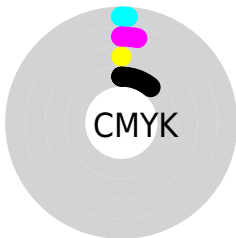
Blue (89%)



Red (88%)

Yellow (87%)

Blue (89%)

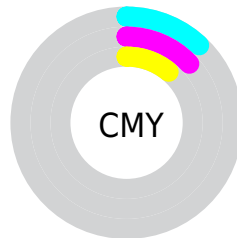


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7729, 73.2665, 83.0848 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, 73.2665, 83.0848 by changing the saturation by 10% instead.

■ 70.7729, 73.2665,
83.0848

■ 70.7729, 73.2665,
83.0848

452.4834,
471.9379, 525.2475

■ 52.4388, 54.1939,
61.7191

119.3306,
123.8555, 139.5445

■ 37.5806, 38.7567,
44.3714

150.2848,
156.1406, 175.4756

■ 25.8331, 26.5705,
30.6233

186.1765,
193.5988, 217.0989

■ 16.8308, 17.2509,
20.0561

227.3709,
236.6143, 264.8330

■ 10.2085, 10.4136,
12.2514

274.2334,
285.5716, 319.0963

■ 5.6007, 5.6740,
6.7905

327.1295,

■ 2.6422, 2.6479,

340.8550, 380.3075

3.2550

386.4243,
402.8490, 448.8850

■ 0.9675, 0.9508,
1.2262

■ 0.0000, 0.0000,
0.0002

■ 70.7729, 73.2665,
83.0848

■ 70.7729, 73.2665,
83.0848

■ 62.8724, 60.8916,
81.1137

■ 79.5926, 87.3223,
85.3341

■ 55.8511, 50.1229,
79.4052

■ 85.6099, 95.6169,
86.6180

■ 49.6755, 40.8939,
77.9493

■ 88.2366, 96.9710,
86.7409

■ 44.3070, 33.1299,
76.7337

■ 90.8653, 98.3261,
86.8639

■ 39.7040, 26.7497,
75.7448

■ 35.8208, 21.6641,
74.9678

■ 32.6064, 17.7731,
74.3862

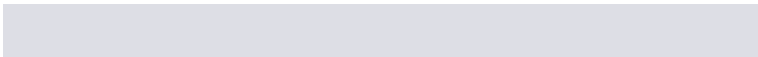
■ 30.0021, 14.9617,
73.9808

■ 27.9374, 13.0913,
73.7286

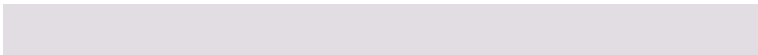
Harmonies

Analogous

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



70.0462, 73.2665, 84.3026



70.7729, 73.2665, 83.0848



71.1971, 73.2665, 80.9918

Triad

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



70.7729, 73.2665, 83.0848



70.0613, 73.2665, 75.4231



68.0971, 73.2665, 80.9484

Complementary

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



70.7729, 73.2665, 83.0848



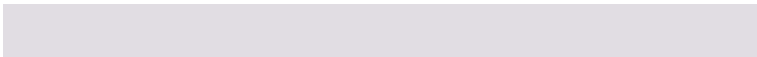
70.9545, 75.8486, 79.3109

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.



68.1011, 73.2665, 78.5700



70.7729, 73.2665, 83.0848



69.2306, 73.2665, 75.4120

Square

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



70.7729, 73.2665, 83.0848



70.7840, 73.2665, 76.5844



68.5145, 73.2665, 76.5538



68.5037, 73.2665, 83.0525

Rectangle

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



70.7729, 73.2665, 83.0848



71.2491, 73.2665, 79.3970



68.5145, 73.2665, 76.5538



68.0506, 73.2665, 80.1538

Sweetspot

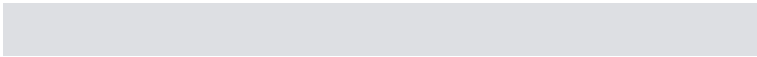
The Sweet Spot groups the original color and five complimentary colors.



70.7750, 73.2696, 83.0864



93.9296, 98.2228, 108.6160



70.1012, 73.7501, 83.2146



20.1166, 21.0425, 23.2513



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, 73.2696, 83.0864



91.7253, 94.7350, 108.0590



71.2784, 73.5435, 82.4635



15.5116, 15.9437, 18.4042



15.6883, 7.1535, 42.9371



1.2568, 0.5789, 3.1775

Inverse Universe

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



70.8569, 73.3749, 80.2441



91.8478, 94.8918, 103.8368



70.4620, 75.5808, 79.9152



15.5381, 15.9773, 17.5042



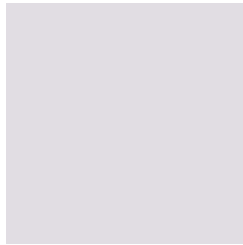
19.2786, 9.8456, 5.0960



1.4665, 0.7443, 0.5972

Previews

White Background



This preview shows how the XYZ color 70.7729, 73.2665, 83.0848 looks on a white background.

Color Contrast Check

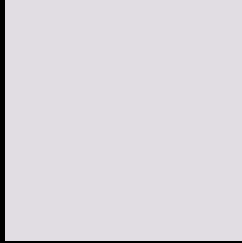
Large Text (above 18pt) WCAG AA × Fail

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, 73.2665, 83.0848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

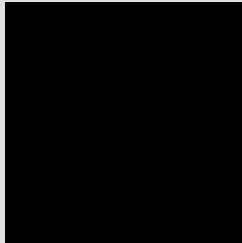
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

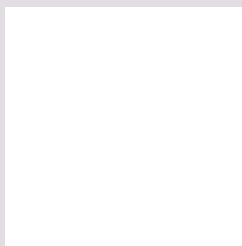
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7729, 73.2665, 83.0848

Background



This preview shows how black text looks on a background with the XYZ color 70.7729, 73.2665, 83.0848.

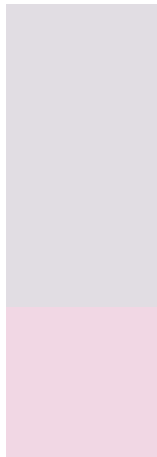


This preview shows how white text looks on a background with the XYZ color 70.7729, 73.2665,

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, 73.2665, 83.0848

Protanopia

70.7729, 73.2665, 83.0848

Deuteranopia

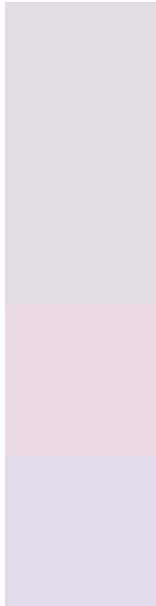
74.5797, 72.9031, 83.5397



Tritanopia

72.2961, 73.1084, 90.4217

Trichromacy



Original Color

70.7729, 73.2665, 83.0848

Protanomaly

70.7729, 73.2665, 83.0848

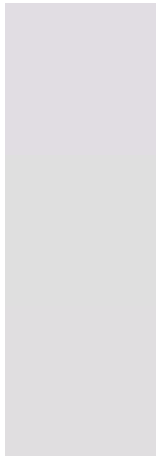
Deuteranomaly

73.0774, 72.8893, 83.6162

Tritanomaly

71.6652, 73.2383, 87.4500

Monochromacy



Original Color

70.7729, 73.2665, 83.0848

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3163, 73.4717, 80.9964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7729, 73.2665, 83.0848 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, 221, 227) looks like.

```
.text, #text, p{  
    color:rgb(225, 221, 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, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 221, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.7729, 73.2665, 83.0848 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, 221, 227) }
```


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

```
.border{ border-color:rgb(225, 221, 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, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 221,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7729, 73.2665, 83.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 221, 227) }
```

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

```
.background{ background-color: rgb(225,  
221, 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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