

Converting Colors

XYZ(70.2063, 71.0587, 87.2696)

Have a look what the booklet for
XYZ(70.2063, 71.0587, 87.2696)
contains.

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Color

**XYZ(70.0043, 70.8422,
87.0751)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D8E9
RGB	224, 216, 233
RGB Percent	88%, 85%, 91%
CMY	0.1216, 0.1529, 0.0863
CMYK	0.04, 0.07, 0.00, 0.09
HSL	268°, 28%, 88%
HSV	268°, 7%, 91%
XYZ	70.0043, 70.8422, 87.0751
YIQ	220.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

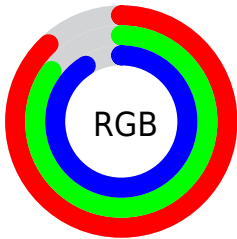
Format	Color
R_{YB}	224, 216, 233
Decimal	14735593
CIE _{Lab}	87.41, 5.82, -7.35
CIE _{LCh}	87, 9.374, 308.356
Yxy	70.8422, 0.3071, 0.3108
Android (android.graphics.Color)	4292925673 (0xFFE0D8E9)
YUV	220.3300, 6.2463, 3.2186
Hunter-Lab	84.1678, 1.1689, -2.4205

Details

The XYZ color **70.0043, 70.8422, 87.0751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5876, 79.2451, 76.4393**, and the grayscale version is **68.2178, 71.7704, 78.1580**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0429, 37.0991, 46.8034** is the 20% darker color. If you saturate the color by 10%, you get **60.7676, 57.8401, 85.0533**, and if you desaturate by 10%, it is **80.3691, 85.6863, 89.3951**.

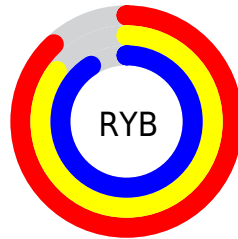
Distribution



Red (88%)

Green (85%)

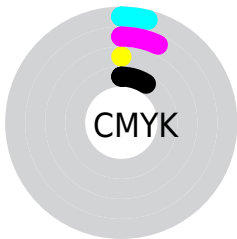
Blue (91%)



Red (88%)

Yellow (85%)

Blue (91%)

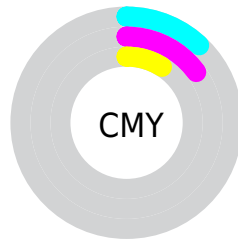


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0043, 70.8422, 87.0751 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 70.0043, 70.8422, 87.0751 by changing the saturation by 10% instead.

70.0043, 70.8422,
87.0751

70.0043, 70.8422,
87.0751

449.8313,
463.5016, 538.7922

51.8096, 52.2134,
64.9974

118.2411,
120.4090, 145.1686

37.0770, 37.1752,
47.0076

149.0140,
152.1158, 182.0215

25.4411, 25.3432,
32.6873

184.7103,
188.9508, 224.6365

16.5365, 16.3329,
21.6178

225.6955,
231.2983, 273.4321

9.9978, 9.7600,
13.3807

272.3348,
279.5428, 328.8270

5.4598, 5.2402,
7.5574

324.9936,

2.5570, 2.3888,

334.0685, 391.2396

3.7294

384.0373,
395.2600, 461.0885

■ 0.9241, 0.8201,
1.4781

■ 0.0000, 0.0000,
0.2015

■ 70.0043, 70.8422,
87.0751

■ 70.0043, 70.8422,
87.0751

■ 60.7676, 57.8401,
85.0533

■ 80.3691, 85.6863,
89.3951

■ 52.6114, 46.5969,
83.3131

■ 89.4202, 97.4838,
91.1952

■ 45.4939, 37.0367,
81.8429

■ 91.7082, 98.6633,
91.3023

■ 39.3677, 29.0743,
80.6289

■ 34.1818, 22.6170,
79.6558

■ 29.8798, 17.5620,
78.9069

■ 26.3982, 13.7931,
78.3629

■ 23.6637, 11.1744,
78.0016

■ 21.5817, 9.5283,
77.7935

Harmonies

Analogous

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



67.9527, 70.8422, 89.8103



70.0043, 70.8422, 87.0751



71.3600, 70.8422, 81.7105

Triad

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



70.0043, 70.8422, 87.0751



68.9126, 70.8422, 66.3695



63.2169, 70.8422, 78.9168

Complementary

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



70.0043, 70.8422, 87.0751



72.5876, 79.2451, 76.4393

Split Complementary

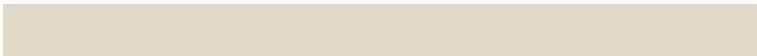
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.4612, 70.8422, 72.7338



70.0043, 70.8422, 87.0751



66.7179, 70.8422, 65.7124

Square

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



70.0043, 70.8422, 87.0751



70.7201, 70.8422, 69.8285



64.7313, 70.8422, 67.9819



64.0565, 70.8422, 84.9345

Rectangle

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



70.0043, 70.8422, 87.0751



71.6700, 70.8422, 77.4847



64.7313, 70.8422, 67.9819



63.1753, 70.8422, 76.7866

Sweetspot

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



70.0064, 70.8452, 87.0766



92.4580, 96.2805, 108.3187



69.9727, 74.3712, 87.7590



19.8170, 20.6470, 23.1907



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.



70.0064, 70.8452, 87.0766



83.8303, 83.9890, 106.4009



72.6855, 72.2263, 87.2020



14.9051, 14.8964, 19.0120



12.1084, 5.2780, 44.1235



1.0610, 0.4713, 3.4699

Inverse Universe

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



71.7532, 71.8748, 81.3292



86.4706, 85.5453, 97.7036



70.0228, 77.9230, 76.3193



15.3988, 15.1874, 17.3853



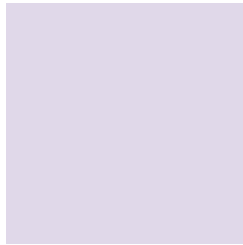
21.1731, 10.6719, 11.9787



1.7112, 0.8574, 1.1964

Previews

White Background



This preview shows how the XYZ color 70.0043, 70.8422, 87.0751 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 70.0043, 70.8422, 87.0751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

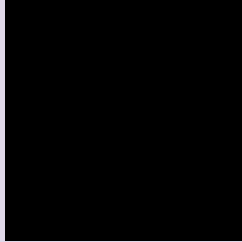
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0043, 70.8422, 87.0751

Background



This preview shows how black text looks on a background with the XYZ color 70.0043, 70.8422, 87.0751.

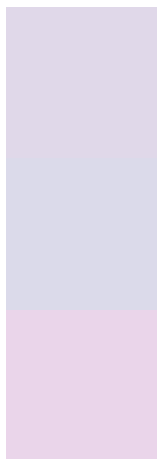


This preview shows how white text looks on a background with the XYZ color 70.0043, 70.8422,

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

70.0043, 70.8422, 87.0751

Protanopia

69.1361, 71.1434, 87.9301

Deuteranopia

72.5772, 71.0214, 87.7252



Tritanopia

70.0043, 70.8422, 87.0751

Trichromacy



Original Color

70.0043, 70.8422, 87.0751

Protanomaly

69.4829, 70.9384, 87.8722

Deuteranomaly

71.5310, 70.8566, 87.7485

Tritanomaly

70.0043, 70.8422, 87.0751

Monochromacy



Original Color

70.0043, 70.8422, 87.0751

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7409, 71.4714, 81.4065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0043, 70.8422, 87.0751 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(224, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 233)  
}
```

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(224, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 233) }
```

Border

The CSS property to change the border of an element to XYZ 70.0043, 70.8422, 87.0751 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(224, 216, 233) }
```


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

```
.border{ border-color:rgb(224, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0043, 70.8422, 87.0751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 233) }
```

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

```
.background{ background-color: rgb(224,  
216, 233) }
```

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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