

Converting Colors

XYZ(71.6735, 70.1833, 87.6110)

Have a look what the booklet for
XYZ(71.6735, 70.1833, 87.6110)
contains.

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Color

**XYZ(71.6735, 70.1833,
87.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D4EA
RGB	232, 212, 234
RGB Percent	91%, 83%, 92%
CMY	0.0902, 0.1686, 0.0823
CMYK	0.01, 0.09, 0.00, 0.08
HSL	295°, 34%, 87%
HSV	295°, 9%, 92%
XYZ	71.6735, 70.1833, 87.6110
YIQ	220.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

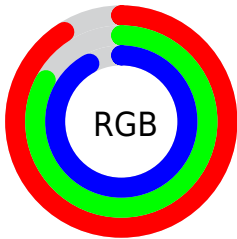
Format	Color
R _Y B	232, 212, 234
Decimal	15258858
CIE Lab	87.09, 10.76, -8.29
CIE LCh	87, 13.584, 322.413
Yxy	70.1833, 0.3123, 0.3059
Android (android.graphics.Color)	4293448938 (0xFFE8D4EA)
YUV	220.4880, 6.6614, 10.0960
Hunter-Lab	83.7755, 6.1073, -3.3617

Details

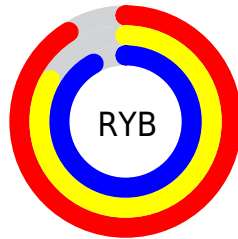
The XYZ color **71.6735, 70.1833, 87.6110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0406, 77.8970, 73.6877**, and the grayscale version is **68.3227, 71.8808, 78.2782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9973, 36.5584, 47.1733** is the 20% darker color. If you saturate the color by 10%, you get **65.5571, 58.9684, 85.7697**, and if you desaturate by 10%, it is **78.6501, 83.1040, 89.7383**.

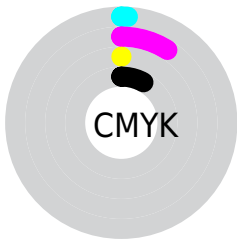
Distribution



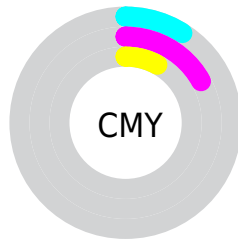
- Red (91%)
- Green (83%)
- Blue (92%)



- Red (91%)
- Yellow (83%)
- Blue (92%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6735, 70.1833, 87.6110 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 71.6735, 70.1833, 87.6110 by changing the saturation by 10% instead.

71.6735, 70.1833,
87.6110

71.6735, 70.1833,
87.6110

455.5797,
461.1933, 540.5968

53.1765, 51.6760,
65.4384

120.6055,
119.4701, 145.9218

38.1717, 36.7469,
47.3631

151.7713,
151.0184, 182.8972

26.2938, 25.0116,
32.9664

187.8907,
187.6825, 225.6439

17.1774, 16.0857,
21.8298

229.3291,
229.8467, 274.5805

10.4572, 9.5848,
13.5348

276.4518,
277.8955, 330.1256

5.7677, 5.1245,
7.6628

329.6243,

2.7436, 2.3205,

332.2133, 392.6976

3.7953

389.2118,
393.1844, 462.7152

■ 1.0197, 0.7845,
1.5137

■ 0.0000, 0.0000,
0.2281

■ 71.6735, 70.1833,
87.6110

■ 71.6735, 70.1833,
87.6110

■ 65.5571, 58.9684,
85.7697

■ 78.6501, 83.1040,
89.7383

■ 60.2583, 49.3775,
84.1978

■ 85.2887, 95.3374,
91.7497

■ 55.7404, 41.3359,
82.8837

■ 86.0003, 95.7042,
91.7830

■ 51.9610, 34.7593,
81.8135

■ 86.7204, 96.0754,
91.8167

48.8741, 29.5554,
80.9717

87.4489, 96.4510,
91.8508

46.4283, 25.6213,
80.3413

88.1860, 96.8310,
91.8853

44.5649, 22.8399,
79.9026

88.9315, 97.2153,
91.9202

43.2143, 21.0720,
79.6326

89.6857, 97.6041,
91.9554

42.2654, 20.0956,
79.4941

90.4484, 97.9973,
91.9911

Harmonies

Analogous

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



69.0670, 70.1833, 93.7867



71.6735, 70.1833, 87.6110



72.9571, 70.1833, 78.7545

Triad

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



71.6735, 70.1833, 87.6110



67.5182, 70.1833, 60.3324



61.2097, 70.1833, 83.2947

Complementary

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



71.6735, 70.1833, 87.6110



69.0406, 77.8970, 73.6877

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.



60.8247, 70.1833, 74.1276



71.6735, 70.1833, 87.6110



64.4016, 70.1833, 61.3375

Square

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



71.6735, 70.1833, 87.6110



70.5089, 70.1833, 63.3573



61.9756, 70.1833, 66.2208



63.0446, 70.1833, 91.1598

Rectangle

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



71.6735, 70.1833, 87.6110



72.8622, 70.1833, 72.7129



61.9756, 70.1833, 66.2208



60.9088, 70.1833, 80.2462

Sweetspot

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



71.6756, 70.1863, 87.6125



92.4025, 95.0841, 108.0907



66.1029, 68.1354, 87.5104



19.6300, 20.0777, 23.0907



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.



71.6756, 70.1863, 87.6125



85.8134, 82.9104, 106.0882



71.0953, 70.0296, 81.1494



15.5719, 15.2401, 19.0432



23.7776, 11.2937, 44.6697



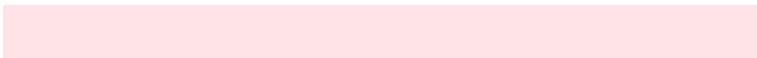
1.9067, 0.9072, 3.5095

Inverse Universe

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



69.6152, 69.4376, 73.3554



82.9082, 81.8559, 85.9254



69.6011, 78.0543, 79.6672



15.1211, 15.0763, 15.9229



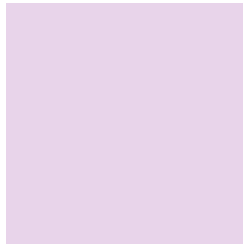
19.1648, 9.8686, 1.4031



1.5240, 0.7825, 0.2105

Previews

White Background



This preview shows how the XYZ color 71.6735, 70.1833, 87.6110 looks on a white background.

Color Contrast Check

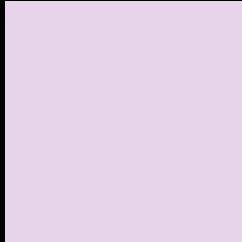
Large Text (above 18pt) WCAG AA × Fail

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 71.6735, 70.1833, 87.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

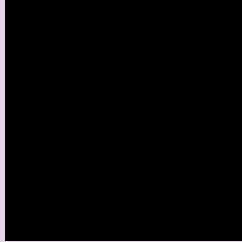
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6735, 70.1833, 87.6110

Background



This preview shows how black text looks on a background with the XYZ color 71.6735, 70.1833, 87.6110.



This preview shows how white text looks on a background with the XYZ color 71.6735, 70.1833,

87.6110.

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

71.6735, 70.1833, 87.6110

Protanopia

68.7142, 70.4918, 90.1054

Deuteranopia

71.6735, 70.1833, 87.6110



Tritanopia

70.8921, 70.2346, 83.9490

Trichromacy



Original Color

71.6735, 70.1833, 87.6110

Protanomaly

69.5650, 70.1866, 89.2378

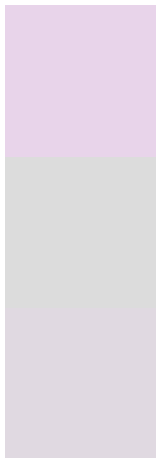
Deuteranomaly

71.6735, 70.1833, 87.6110

Tritanomaly

71.1731, 70.3469, 85.4284

Monochromacy



Original Color

71.6735, 70.1833, 87.6110

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1439, 70.9092, 81.2767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6735, 70.1833, 87.6110 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(232, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 234)  
}
```

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(232, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 234) }
```

Border

The CSS property to change the border of an element to XYZ 71.6735, 70.1833, 87.6110 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(232, 212, 234) }
```


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

```
.border{ border-color:rgb(232, 212, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6735, 70.1833, 87.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 234) }
```

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

```
.background{ background-color: rgb(232,  
212, 234) }
```

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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