

Converting Colors

XYZ(70.2110, 68.6917, 87.4002)

Have a look what the booklet for
XYZ(70.2110, 68.6917, 87.4002)
contains.

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Color

**XYZ(70.2110, 68.6917,
87.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D2EA
RGB	229, 210, 234
RGB Percent	90%, 82%, 92%
CMY	0.1020, 0.1765, 0.0823
CMYK	0.02, 0.10, 0.00, 0.08
HSL	287°, 36%, 87%
HSV	287°, 10%, 92%
XYZ	70.2110, 68.6917, 87.4002
YIQ	218.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

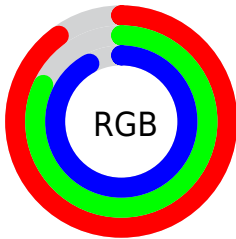
Format	Color
R _Y B	229, 210, 234
Decimal	15061738
CIE Lab	86.35, 10.82, -9.40
CIE LCh	86, 14.334, 318.998
Yxy	68.6917, 0.3103, 0.3035
Android (android.graphics.Color)	4293251818 (0xFFE5D2EA)
YUV	218.4170, 7.6824, 9.2813
Hunter-Lab	82.8805, 6.1729, -4.5070

Details

The XYZ color **70.2110, 68.6917, 87.4002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0825, 77.9476, 72.3805**, and the grayscale version is **66.8769, 70.3597, 76.6218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1579, 35.8755, 47.0857** is the 20% darker color. If you saturate the color by 10%, you get **63.3178, 57.1814, 85.5428**, and if you desaturate by 10%, it is **77.9966, 81.9198, 89.5442**.

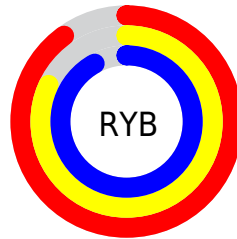
Distribution



Red (90%)

Green (82%)

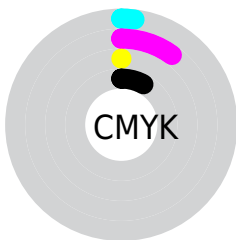
Blue (92%)



Red (90%)

Yellow (82%)

Blue (92%)

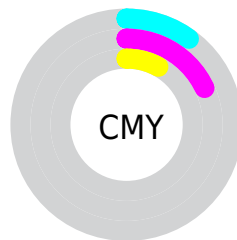


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2110, 68.6917, 87.4002 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 70.2110, 68.6917, 87.4002 by changing the saturation by 10% instead.

70.2110, 68.6917,
87.4002

70.2110, 68.6917,
87.4002

450.5454,
455.9429, 539.8873

51.9788, 50.4607,
65.2649

118.5342,
117.3411, 145.6256

37.2124, 35.7796,
47.2232

149.3560,
148.5283, 182.5528

25.5464, 24.2640,
32.8565

185.1049,
184.8030, 225.2478

16.6155, 15.5296,
21.7464

226.1464,
226.5496, 274.1290

10.0543, 9.1919,
13.4741

272.8459,
274.1525, 329.6150

5.4975, 4.8666,
7.6213

325.5686,

2.5798, 2.1692,

327.9961, 392.1244

3.7693

384.6800,
388.4647, 462.0756

■ 0.9357, 0.7031,
1.4997

■ 0.0000, 0.0000,
0.2177

■ 70.2110, 68.6917,
87.4002

■ 70.2110, 68.6917,
87.4002

■ 63.3178, 57.1814,
85.5428

■ 77.9966, 81.9198,
89.5442

■ 57.2741, 47.3068,
83.9554

■ 86.1246, 95.7683,
91.7888

■ 52.0424, 38.9925,
82.6263

■ 87.7907, 96.6272,
91.8668

■ 47.5798, 32.1532,
81.5414

■ 89.5016, 97.5092,
91.9468

■ 43.8397, 26.6959,
80.6851

■ 91.2576, 98.4144,
92.0290

■ 40.7695, 22.5164,
80.0402

■ 91.8515, 98.7206,
92.0568

■ 38.3096, 19.4959,
79.5869

■ 36.3888, 17.4926,
79.3014

■ 34.9188, 16.2857,
79.1459

Harmonies

Analogous

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



67.3831, 68.6917, 93.3845



70.2110, 68.6917, 87.4002



71.7379, 68.6917, 78.3262

Triad

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



70.2110, 68.6917, 87.4002



66.5115, 68.6917, 58.2910



59.4549, 68.6917, 80.8851

Complementary

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



70.2110, 68.6917, 87.4002



69.0825, 77.9476, 72.3805

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.



59.2394, 68.6917, 71.3688



70.2110, 68.6917, 87.4002



63.2395, 68.6917, 58.8498

Square

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



70.2110, 68.6917, 87.4002



69.5544, 68.6917, 61.8645



60.6033, 68.6917, 63.4615



61.2024, 68.6917, 89.4091

Rectangle

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



70.2110, 68.6917, 87.4002



71.7790, 68.6917, 71.9791



60.6033, 68.6917, 63.4615



59.2032, 68.6917, 77.6805

Sweetspot

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



70.2130, 68.6947, 87.4017



92.0739, 94.9148, 108.0753



65.7838, 68.3480, 87.5682



19.5410, 20.0318, 23.0866



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.



70.2130, 68.6947, 87.4017



83.7465, 80.8174, 105.7931



70.8731, 69.1456, 82.4307



15.3897, 15.1462, 19.0346



19.7302, 9.2072, 44.4802



1.6263, 0.7627, 3.4964

Inverse Universe

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



69.2464, 68.4950, 73.8644



82.3954, 80.5434, 86.6389



68.5019, 77.5484, 76.8700



15.1938, 15.1054, 16.3061



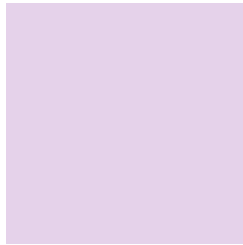
19.4132, 9.9680, 2.7111



1.5586, 0.7964, 0.3930

Previews

White Background



This preview shows how the XYZ color 70.2110, 68.6917, 87.4002 looks on a white background.

Color Contrast Check

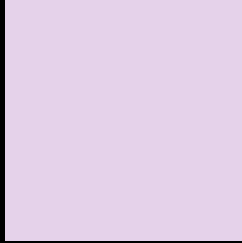
Large Text (above 18pt) WCAG AA × Fail

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 70.2110, 68.6917, 87.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

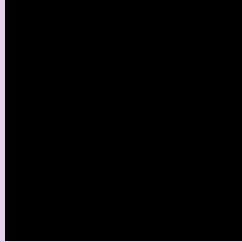
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2110, 68.6917, 87.4002

Background



This preview shows how black text looks on a background with the XYZ color 70.2110, 68.6917, 87.4002.



This preview shows how white text looks on a background with the XYZ color 70.2110, 68.6917,

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

70.2110, 68.6917, 87.4002

Protanopia

67.3181, 69.0114, 89.8933

Deuteranopia

70.2110, 68.6917, 87.4002



Tritanopia

69.2928, 68.6839, 83.0040

Trichromacy



Original Color

70.2110, 68.6917, 87.4002

Protanomaly

68.1480, 68.7047, 89.0264

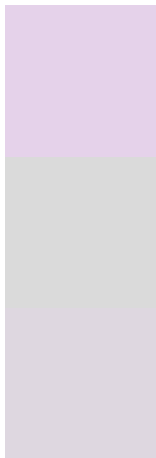
Deuteranomaly

70.2110, 68.6917, 87.4002

Tritanomaly

69.5721, 68.7957, 84.4750

Monochromacy



Original Color

70.2110, 68.6917, 87.4002

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.8792, 69.5123, 80.3606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2110, 68.6917, 87.4002 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(229, 210, 234) looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 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(229, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 234) }
```

Border

The CSS property to change the border of an element to XYZ 70.2110, 68.6917, 87.4002 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(229, 210, 234) }
```


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

```
.border{ border-color:rgb(229, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2110, 68.6917, 87.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 234) }
```

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

```
.background{ background-color: rgb(229,  
210, 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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