

Converting Colors

XYZ(70.1090, 68.2571, 88.0771)

Have a look what the booklet for
XYZ(70.1090, 68.2571, 88.0771)
contains.

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Color

**XYZ(70.1090, 68.2571,
88.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D1EB
RGB	229, 209, 235
RGB Percent	90%, 82%, 92%
CMY	0.1020, 0.1804, 0.0784
CMYK	0.03, 0.11, 0.00, 0.08
HSL	286°, 39%, 87%
HSV	286°, 11%, 92%
XYZ	70.1090, 68.2571, 88.0771
YIQ	217.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

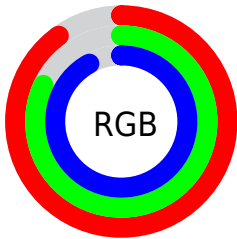
Format	Color
R _Y B	229, 209, 235
Decimal	15061483
CIE Lab	86.13, 11.53, -10.26
CIE LCh	86, 15.432, 318.349
Yxy	68.2571, 0.3096, 0.3014
Android (android.graphics.Color)	4293251563 (0xFFE5D1EB)
YUV	217.9440, 8.4086, 9.6961
Hunter-Lab	82.6179, 6.8927, -5.3753

Details

The XYZ color **70.1090, 68.2571, 88.0771** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.2437, 78.4690, 71.8215**, and the grayscale version is **66.5459, 70.0114, 76.2424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0916, 35.5816, 47.5608** is the 20% darker color. If you saturate the color by 10%, you get **63.0603, 56.6879, 86.2165**, and if you desaturate by 10%, it is **78.0662, 81.5609, 90.2266**.

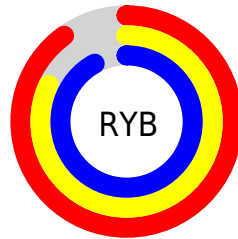
Distribution



Red (90%)

Green (82%)

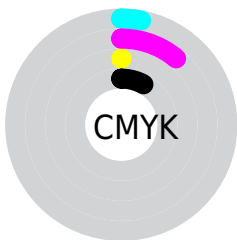
Blue (92%)



Red (90%)

Yellow (82%)

Blue (92%)

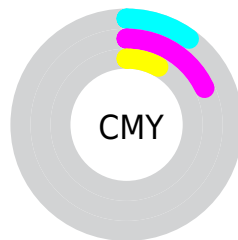


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1090, 68.2571, 88.0771 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 70.1090, 68.2571, 88.0771 by changing the saturation by 10% instead.

70.1090, 68.2571,
88.0771

70.1090, 68.2571,
88.0771

450.1931,
454.4064, 542.1635

51.8953, 50.1069,
65.8222

118.3896,
116.7199, 146.5766

37.1456, 35.4984,
47.6725

149.1872,
147.8013, 183.6583

25.4944, 24.0470,
33.2095

184.9102,
183.9618, 226.5193

16.5765, 15.3685,
22.0145

225.9239,
225.5860, 275.5782

10.0264, 9.0784,
13.6692

272.5937,
273.0581, 331.2535

5.4789, 4.7924,
7.7548

325.2849,

2.5685, 2.1260,

326.7627, 393.9638

3.8529

384.3629,
387.0839, 464.1277

■ 0.9299, 0.6792,
1.5450

■ 0.0000, 0.0000,
0.2511

■ 70.1090, 68.2571,
88.0771

■ 70.1090, 68.2571,
88.0771

■ 63.0603, 56.6879,
86.2165

■ 78.0662, 81.5609,
90.2266

■ 56.8765, 46.7699,
84.6281

■ 86.6395, 96.0171,
92.5651

■ 51.5193, 38.4263,
83.3000

■ 88.5069, 96.9798,
92.6525

■ 46.9450, 31.5705,
82.2178

■ 90.4298, 97.9711,
92.7425

■ 43.1057, 26.1073,
81.3656

■ 91.9956, 98.7782,
92.8158

■ 39.9479, 21.9306,
80.7259

■ 37.4103, 18.9186,
80.2782

■ 35.4197, 16.9255,
79.9984

■ 33.9968, 15.7937,
79.8550

Harmonies

Analogous

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



67.0480, 68.2571, 94.4519



70.1090, 68.2571, 88.0771



71.7905, 68.2571, 78.3365

Triad

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



70.1090, 68.2571, 88.0771



66.2639, 68.2571, 56.7789



58.6136, 68.2571, 80.6429

Complementary

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



70.1090, 68.2571, 88.0771



69.2437, 78.4690, 71.8215

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.



58.4210, 68.2571, 70.4439



70.1090, 68.2571, 88.0771



62.7521, 68.2571, 57.2742

Square

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



70.1090, 68.2571, 88.0771



69.5170, 68.2571, 60.6554



59.9107, 68.2571, 62.0763



60.4469, 68.2571, 89.8975

Rectangle

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



70.1090, 68.2571, 88.0771



71.8635, 68.2571, 71.5190



59.9107, 68.2571, 62.0763



58.3574, 68.2571, 77.1940

Sweetspot

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



70.1110, 68.2600, 88.0786



92.0113, 94.8825, 108.0724



65.6101, 68.1913, 88.3026



19.5241, 20.0231, 23.0858



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.



70.1110, 68.2600, 88.0786



82.6126, 79.2206, 105.5447



71.0763, 68.8712, 82.9964



15.3552, 15.1284, 19.0330



19.0375, 8.8501, 44.4478



1.5774, 0.7375, 3.4941

Inverse Universe

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



69.3295, 68.1724, 73.7978



81.5343, 79.1081, 85.4678



68.3913, 77.9282, 76.3604



15.2079, 15.1110, 16.3800



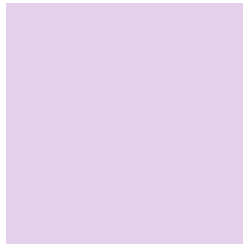
19.4818, 9.9954, 3.0728



1.5659, 0.7993, 0.4312

Previews

White Background



This preview shows how the XYZ color 70.1090, 68.2571, 88.0771 looks on a white background.

Color Contrast Check

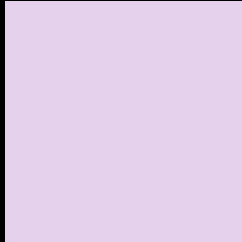
Large Text (above 18pt) WCAG AA × Fail

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 70.1090, 68.2571, 88.0771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

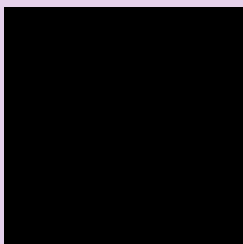
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1090, 68.2571, 88.0771

Background



This preview shows how black text looks on a background with the XYZ color 70.1090, 68.2571, 88.0771.



This preview shows how white text looks on a background with the XYZ color 70.1090, 68.2571,

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

70.1090, 68.2571, 88.0771

Protanopia

66.9198, 68.4123, 90.5668

Deuteranopia

70.0369, 68.5853, 88.1442



Tritanopia

68.9066, 68.1332, 82.1923

Trichromacy



Original Color

70.1090, 68.2571, 88.0771

Protanomaly

68.0430, 68.2615, 89.7103

Deuteranomaly

70.0369, 68.5853, 88.1442

Tritanomaly

69.3244, 68.3003, 84.3924

Monochromacy



Original Color

70.1090, 68.2571, 88.0771

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 70.1090, 68.2571, 88.0771 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, 209, 235)` looks like.

```
.text, #text, p{  
    color:rgb(229, 209, 235)  
}
```

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, 209, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 209, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.1090, 68.2571, 88.0771 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, 209, 235) }
```


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

```
.border{ border-color:rgb(229, 209, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 209, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 209, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 209, 235);  
box-shadow:4px 4px 4px 4px rgb(229, 209,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1090, 68.2571, 88.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 209, 235) }
```

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

```
.background{ background-color: rgb(229,  
209, 235) }
```

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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