

Converting Colors

XYZ(73.1006, 68.4172, 88.7346)

Have a look what the booklet for
XYZ(73.1006, 68.4172, 88.7346)
contains.

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Color

**XYZ(72.9068, 68.2440,
88.6867)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CDEC
RGB	240, 205, 236
RGB Percent	94%, 80%, 93%
CMY	0.0588, 0.1961, 0.0745
CMYK	0.00, 0.15, 0.02, 0.06
HSL	307°, 54%, 87%
HSV	307°, 15%, 94%
XYZ	72.9068, 68.2440, 88.6867
YIQ	218.9990, 10.9090, 17.0610

Conversions

Conversions Part 2

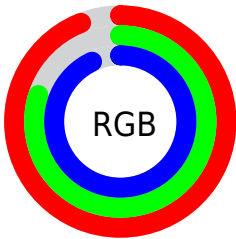
Format	Color
R _Y B	240, 205, 236
Decimal	15781356
CIE Lab	86.13, 17.49, -10.70
CIE LCh	86, 20.502, 328.552
Yxy	68.2440, 0.3172, 0.2969
Android (android.graphics.Color)	4293971436 (0xFFFF0CDEC)
YUV	218.9990, 8.3815, 18.4179
Hunter-Lab	82.6099, 12.9665, -5.8244

Details

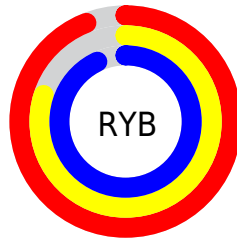
The XYZ color **72.9068, 68.2440, 88.6867** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.8482, 79.9047, 72.1724**, and the grayscale version is **67.2714, 70.7747, 77.0736**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0720, 35.6189, 47.9958** is the 20% darker color. If you saturate the color by 10%, you get **67.2055, 57.4734, 84.8356**, and if you desaturate by 10%, it is **79.4988, 80.7841, 92.8665**.

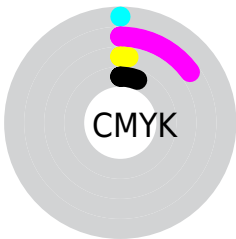
Distribution



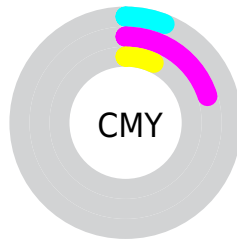
- Red (94%)
- Green (80%)
- Blue (93%)



- Red (94%)
- Yellow (80%)
- Blue (93%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9068, 68.2440, 88.6867 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 72.9068, 68.2440, 88.6867 by changing the saturation by 10% instead.


 72.9068, 68.2440,
88.6867

 72.9068, 68.2440,
88.6867

459.8005,
454.3600, 544.2089

 54.1879, 50.0963,
66.3244


122.3487,
116.7011, 147.4323

 38.9831, 35.4899,
48.0776

153.8024,
147.7793, 184.6527

 26.9273, 24.0405,
33.5279


190.2318,
183.9365, 227.6629

 17.6549, 15.3637,
22.2568

232.0021,
225.5569, 276.8813

 10.8007, 9.0750,
13.8456

279.4788,
273.0251, 332.7266

 5.9993, 4.7901,
7.8758

333.0272,

 2.8853, 2.1247,

326.7254, 395.6173

3.9289

393.0127,
387.0423, 465.9718

■ 1.0934, 0.6784,
1.5864

■ 0.0196, 0.0000,
0.2811

■ 72.9068, 68.2440,
88.6867

■ 72.9068, 68.2440,
88.6867

■ 67.2055, 57.4734,
84.8356

■ 79.4988, 80.7841,
92.8665

■ 62.3489, 48.3833,
81.2953

■ 87.0129, 95.1598,
97.3833

■ 58.2958, 40.8907,
78.0528

■ 88.0599, 96.5912,
99.7748

■ 54.9993, 34.9016,
75.0923

■ 88.4802, 96.7593,
101.9880

52.4076, 30.3125,
72.3964

88.9067, 96.9299,
104.2340

50.4623, 27.0065,
69.9455

89.3395, 97.1031,
106.5130

49.0956, 24.8482,
67.7168

89.7457, 97.2655,
108.6518

48.2243, 23.6713,
65.6826

47.8912, 23.3077,
64.6389

Harmonies

Analogous

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



69.2927, 68.2440, 99.5159



72.9068, 68.2440, 88.6867



74.3522, 68.2440, 74.9638

Triad

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



72.9068, 68.2440, 88.6867



65.0931, 68.2440, 51.2621



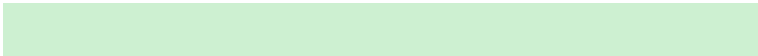
57.2245, 68.2440, 87.4149

Complementary

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



72.9068, 68.2440, 88.6867



67.8482, 79.9047, 72.1724

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.



56.2192, 68.2440, 73.6523



72.9068, 68.2440, 88.6867



60.6279, 68.2440, 53.7597

Square

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



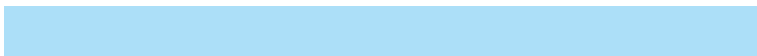
72.9068, 68.2440, 88.6867



69.7079, 68.2440, 54.2899



57.4353, 68.2440, 61.5707



60.2496, 68.2440, 98.7213

Rectangle

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



72.9068, 68.2440, 88.6867



73.8407, 68.2440, 66.3500



57.4353, 68.2440, 61.5707



56.6458, 68.2440, 82.8741

Sweetspot

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



72.9088, 68.2470, 88.6882



91.6948, 93.5890, 106.8584



63.7157, 63.4398, 91.3261



19.4955, 19.7820, 22.7914



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.



72.9088, 68.2470, 88.6882



81.9585, 75.0771, 100.6511



70.5550, 67.3054, 76.2931



16.3719, 15.9985, 19.5146



26.2478, 12.7715, 35.5511



2.2055, 1.0712, 3.0729

Inverse Universe

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



72.9088, 68.2470, 88.6882



81.9585, 75.0771, 100.6511



70.0667, 80.7921, 83.8552



16.3719, 15.9985, 19.5146



26.2478, 12.7715, 35.5511



2.2055, 1.0712, 3.0729

Previews

White Background



This preview shows how the XYZ color 72.9068, 68.2440, 88.6867 looks on a white background.

Color Contrast Check

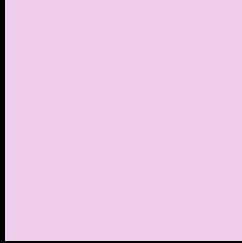
Large Text (above 18pt) WCAG AA × Fail

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 72.9068, 68.2440, 88.6867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

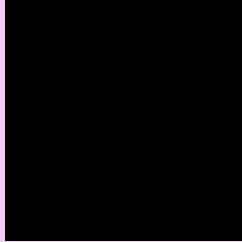
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9068, 68.2440, 88.6867

Background



This preview shows how black text looks on a background with the XYZ color 72.9068, 68.2440, 88.6867.



This preview shows how white text looks on a background with the XYZ color 72.9068, 68.2440,

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

72.9068, 68.2440, 88.6867

Protanopia

67.2250, 68.5010, 93.6833

Deuteranopia

70.0369, 68.5853, 88.1442



Tritanopia

70.8920, 68.1305, 79.2261

Trichromacy



Original Color

72.9068, 68.2440, 88.6867

Protanomaly

69.1466, 68.4094, 91.9980

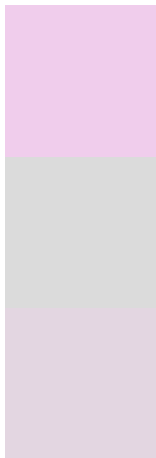
Deuteranomaly

70.8300, 68.2657, 88.0407

Tritanomaly

71.6715, 68.0948, 82.7649

Monochromacy



Original Color

72.9068, 68.2440, 88.6867

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.3157, 69.8603, 81.0652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9068, 68.2440, 88.6867 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(240, 205, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 205, 236)  
}
```

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(240, 205, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 205, 236) }
```

Border

The CSS property to change the border of an element to XYZ 72.9068, 68.2440, 88.6867 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(240, 205, 236) }
```


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

```
.border{ border-color:rgb(240, 205, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 205, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 205, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 205, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 205,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9068, 68.2440, 88.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 205, 236) }
```

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

```
.background{ background-color: rgb(240,  
205, 236) }
```

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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