

Converting Colors

XYZ(72.1825, 67.0775, 88.3039)

Have a look what the booklet for
XYZ(72.1825, 67.0775, 88.3039)
contains.

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Color

**XYZ(72.4314, 67.2933,
88.5282)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0CBEC |
| RGB | 240, 203, 236 |
| RGB Percent | 94%, 80%, 93% |
| CMY | 0.0588, 0.2039, 0.0745 |
| CMYK | 0.00, 0.15, 0.02, 0.06 |
| HSL | 306°, 55%, 87% |
| HSV | 306°, 15%, 94% |
| XYZ | 72.4314, 67.2933, 88.5282 |
| YIQ | 217.8250, 11.4590, 18.1070 |

Conversions

Conversions Part 2

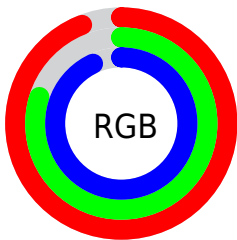
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 203, 236 |
| Decimal | 15780844 |
| CIE Lab | 85.65, 18.55, -11.41 |
| CIE LCh | 86, 21.774, 328.409 |
| Yxy | 67.2933, 0.3173, 0.2948 |
| Android (android.graphics.Color) | 4293970924 (0xFFFF0CBEC) |
| YUV | 217.8250, 8.9603, 19.4475 |
| Hunter-Lab | 82.0325, 14.0515, -6.5621 |

Details

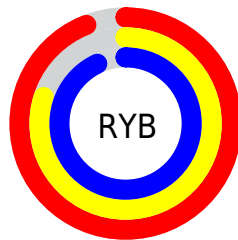
The XYZ color **72.4314, 67.2933, 88.5282** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.0538, 79.5235, 70.8506**, and the grayscale version is **66.4564, 69.9173, 76.1400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7528, 34.9805, 47.8894** is the 20% darker color. If you saturate the color by 10%, you get **66.8229, 56.6743, 84.8127**, and if you desaturate by 10%, it is **78.9267, 79.6750, 92.5678**.

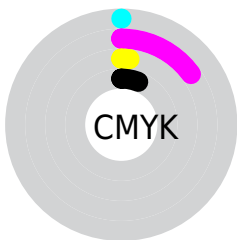
Distribution



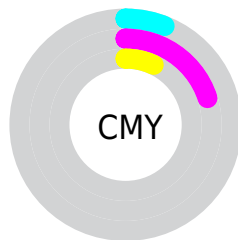
- Red (94%)
- Green (80%)
- Blue (93%)



- 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 72.4314, 67.2933, 88.5282 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 72.4314, 67.2933, 88.5282 by changing the saturation by 10% instead.


 72.4314, 67.2933,
88.5282

 72.4314, 67.2933,
88.5282


458.1761,
450.9881, 543.6775

 53.7979, 49.3230,
66.1938


121.6772,
115.3406, 147.2099

 38.6701, 34.8758,
47.9722


153.0201,
146.1864, 184.3943

 26.6828, 23.5672,
33.4451

189.3302,
182.0928, 227.3657

 17.4705, 15.0129,
22.1937

230.9729,
223.4442, 276.5427

 10.6679, 8.8284,
13.7996

278.3135,
270.6251, 332.3438

 5.9096, 4.6294,
7.8443

331.7173,

 2.8303, 2.0315,

324.0197, 395.1876

3.9091

391.5497,
384.0126, 465.4927

■ 1.0647, 0.6257,
1.5756

■ 0.0000, 0.0000,
0.2733

■ 72.4314, 67.2933,
88.5282

■ 72.4314, 67.2933,
88.5282

■ 66.8229, 56.6743,
84.8127

■ 78.9267, 79.6750,
92.5678

■ 62.0550, 47.7288,
81.4036

■ 86.3404, 93.8858,
96.9400

■ 58.0863, 40.3730,
78.2877

■ 87.9923, 96.5642,
99.4188

■ 54.8694, 34.5122,
75.4491

■ 88.3887, 96.7227,
101.5065

■ 52.3521, 30.0419,
72.8702

■ 88.7908, 96.8835,
103.6235

■ 50.4754, 26.8441,
70.5313

■ 89.1984, 97.0466,
105.7700

■ 49.1703, 24.7812,
68.4093

■ 89.6116, 97.2119,
107.9460

■ 48.3522, 23.6837,
66.4759

■ 89.7456, 97.2655,
108.6518

■ 48.0798, 23.3832,
65.6324

Harmonies

Analogous

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



68.6050, 67.2933, 100.0118



72.4314, 67.2933, 88.5282



73.9735, 67.2933, 74.0319

Triad

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



72.4314, 67.2933, 88.5282



64.2254, 67.2933, 49.2223



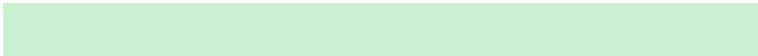
55.9343, 67.2933, 87.0466

Complementary

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



72.4314, 67.2933, 88.5282



67.0538, 79.5235, 70.8506

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.



54.8941, 67.2933, 72.5153



72.4314, 67.2933, 88.5282



59.5300, 67.2933, 51.7798

Square

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



72.4314, 67.2933, 88.5282



69.0867, 67.2933, 52.3838



56.1768, 67.2933, 59.8759



59.0939, 67.2933, 99.0817

Rectangle

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



72.4314, 67.2933, 88.5282



73.4412, 67.2933, 64.9808



56.1768, 67.2933, 59.8759



55.3326, 67.2933, 82.2379

Sweetspot

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



72.4334, 67.2962, 88.5296



90.8954, 92.0447, 106.4241



62.7355, 62.2289, 91.1439



19.3350, 19.4712, 22.7063



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.



72.4334, 67.2962, 88.5296



81.3262, 73.8145, 100.4343



69.9221, 66.2917, 75.3055



16.3763, 16.0002, 19.5379



26.3496, 12.8123, 36.0874



2.2129, 1.0742, 3.1122

Inverse Universe

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



72.4334, 67.2962, 88.5296



81.3262, 73.8145, 100.4343



69.4089, 80.4656, 83.2526



16.3763, 16.0002, 19.5379



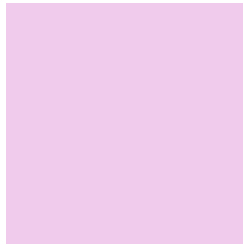
26.3496, 12.8123, 36.0874



2.2129, 1.0742, 3.1122

Previews

White Background



This preview shows how the XYZ color 72.4314, 67.2933, 88.5282 looks on a white background.

Color Contrast Check

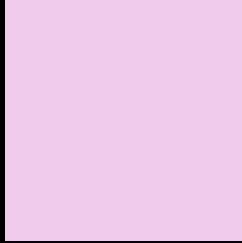
Large Text (above 18pt) WCAG AA × Fail

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 72.4314, 67.2933, 88.5282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

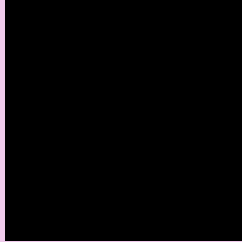
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4314, 67.2933, 88.5282

Background



This preview shows how black text looks on a background with the XYZ color 72.4314, 67.2933, 88.5282.



This preview shows how white text looks on a background with the XYZ color 72.4314, 67.2933,

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

72.4314, 67.2933, 88.5282

Protanopia

66.3996, 67.7009, 93.5724

Deuteranopia

68.9153, 67.2787, 87.9511



Tritanopia

70.2760, 67.1137, 78.3575

Trichromacy



Original Color

72.4314, 67.2933, 88.5282

Protanomaly

68.3474, 67.2644, 91.8191

Deuteranomaly

70.0217, 67.1297, 87.8640

Tritanomaly

71.0546, 67.0825, 81.8763

Monochromacy



Original Color

72.4314, 67.2933, 88.5282

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.7489, 69.1935, 80.9664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4314, 67.2933, 88.5282 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, 203, 236) looks like.

```
.text, #text, p{  
    color:rgb(240, 203, 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, 203, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 203, 236) }
```

Border

The CSS property to change the border of an element to XYZ 72.4314, 67.2933, 88.5282 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, 203, 236) }
```


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

```
.border{ border-color:rgb(240, 203, 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, 203, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 203, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 203, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 203,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4314, 67.2933, 88.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 203, 236) }
```

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

```
.background{ background-color: rgb(240,  
203, 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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