

Converting Colors

XYZ(78.8525, 72.5533, 88.2455)

Have a look what the booklet for
XYZ(78.8525, 72.5533, 88.2455)
contains.

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Color

**XYZ(78.7913, 72.3699,
88.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0EB
RGB	255, 208, 235
RGB Percent	100%, 82%, 92%
CMY	0.0000, 0.1843, 0.0784
CMYK	0.00, 0.18, 0.08, 0.00
HSL	326°, 100%, 91%
HSV	326°, 18%, 100%
XYZ	78.7913, 72.3699, 88.4133
YIQ	225.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

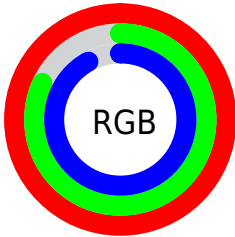
Format	Color
R _Y B	255, 208, 235
Decimal	16765163
CIE Lab	88.15, 20.79, -7.02
CIE LCh	88, 21.944, 341.329
Yxy	72.3699, 0.3289, 0.3021
Android (android.graphics.Color)	4294955243 (0xFFFFD0EB)
YUV	225.1310, 4.8654, 26.1951
Hunter-Lab	85.0705, 16.4512, -2.0704

Details

The XYZ color **78.7913, 72.3699, 88.4133** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.7783, 90.5324, 86.8826**, and the grayscale version is **71.6201, 75.3499, 82.0560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8166, 38.0429, 47.7342** is the 20% darker color. If you saturate the color by 10%, you get **71.5466, 60.3134, 78.4982**, and if you desaturate by 10%, it is **87.1343, 86.4695, 99.1684**.

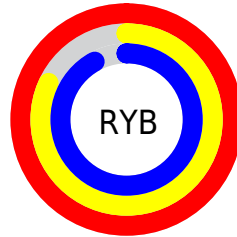
Distribution



Red (100%)

Green (82%)

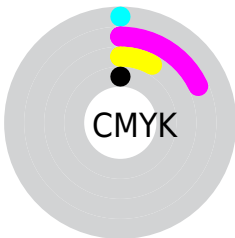
Blue (92%)



Red (100%)

Yellow (82%)

Blue (92%)

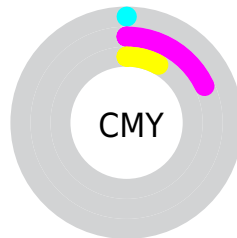


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7913, 72.3699, 88.4133 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 78.7913, 72.3699, 88.4133 by changing the saturation by 10% instead.


 78.7913, 72.3699,
88.4133

 78.7913, 72.3699,
88.4133


479.6488,
468.8281, 543.2921

 59.0293, 53.4609,
66.0991

130.6245,
122.5823, 147.0486

 42.8831, 38.1708,
47.8959


163.4264,
154.6545, 184.2068

 29.9876, 26.1153,
33.3850


201.3056,
191.8831, 227.1502

 19.9772, 16.9099,
22.1480

244.6274,
234.6527, 276.2971

 12.4866, 10.1703,
13.7664

293.7573,
283.3476, 332.0662

 7.1505, 5.5120,
7.8215

349.0606,

 3.6036, 2.5507,

338.3522, 394.8761

3.8948

410.9027,
400.0509, 465.1452

■ 1.4804, 0.9019,
1.5678

■ 0.3125, 0.0000,
0.2677

■ 78.7913, 72.3699,
88.4133

■ 78.7913, 72.3699,
88.4133

■ 71.5466, 60.3134,
78.4982

■ 87.1343, 86.4695,
99.1684

■ 65.3461, 50.1952,
69.3938

95.0500, 100.0000,
108.9000

■ 60.1380, 41.9143,
61.0752

■ 55.8642, 35.3571,
53.5142

■ 52.4600, 30.3973,
46.6802

■ 49.8519, 26.8911,
40.5393

■ 47.9533, 24.6683,
35.0529

■ 46.6437, 23.4910,
30.1708

■ 46.4660, 23.3504,
29.4496

Harmonies

Analogous

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



75.6643, 72.3699, 102.5440



78.7913, 72.3699, 88.4133



79.1578, 72.3699, 73.2584

Triad

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



78.7913, 72.3699, 88.4133



66.8227, 72.3699, 53.7308



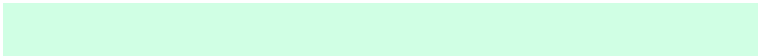
61.4852, 72.3699, 99.4578

Complementary

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



78.7913, 72.3699, 88.4133



75.7783, 90.5324, 86.8826

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.



59.3611, 72.3699, 84.6112



78.7913, 72.3699, 88.4133



62.3366, 72.3699, 59.0347

Square

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



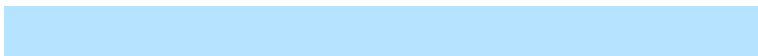
78.7913, 72.3699, 88.4133



72.0654, 72.3699, 54.4759



59.6647, 72.3699, 69.9074



65.6065, 72.3699, 109.4586

Rectangle

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



78.7913, 72.3699, 88.4133



77.7667, 72.3699, 64.7115



59.6647, 72.3699, 69.9074



60.5237, 72.3699, 94.7945

Sweetspot

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



78.7929, 72.3729, 88.4148



89.3311, 90.2114, 101.9095



72.4713, 68.7611, 104.0603



18.9927, 19.0909, 21.6540



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.



78.7929, 72.3729, 88.4148



76.0821, 67.8375, 84.7788



75.6711, 71.1241, 71.9758



18.4468, 18.1620, 20.9698



24.3558, 12.2316, 15.7898



2.4261, 1.2128, 1.8254

Inverse Universe

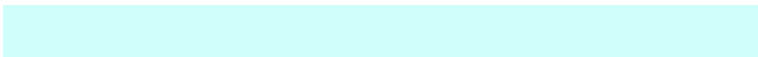
The Inverse Universe completely reimagines the original color for something new.



78.7929, 72.3729, 88.4148



76.0821, 67.8375, 84.7788



79.1999, 91.9011, 104.9005



18.4468, 18.1620, 20.9698



24.3558, 12.2316, 15.7898



2.4261, 1.2128, 1.8254

Previews

White Background



This preview shows how the XYZ color 78.7913, 72.3699, 88.4133 looks on a white background.

Color Contrast Check

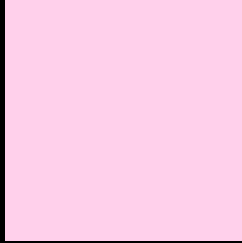
Large Text (above 18pt) WCAG AA × Fail

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 78.7913, 72.3699, 88.4133 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 78.7913, 72.3699, 88.4133

Background



This preview shows how black text looks on a background with the XYZ color 78.7913, 72.3699, 88.4133.



This preview shows how white text looks on a background with the XYZ color 78.7913, 72.3699,

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

78.7913, 72.3699, 88.4133

Protanopia

70.8336, 72.6573, 94.2953

Deuteranopia

74.0768, 72.5459, 87.9404



Tritanopia

77.6471, 72.6550, 81.8829

Trichromacy



Original Color

78.7913, 72.3699, 88.4133

Protanomaly

73.4146, 72.4995, 91.7858

Deuteranomaly

75.7030, 72.2606, 87.7996

Tritanomaly

77.8164, 72.3289, 83.9882

Monochromacy



Original Color

78.7913, 72.3699, 88.4133

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

74.0664, 74.1530, 84.5380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7913, 72.3699, 88.4133 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(255, 208, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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(255, 208, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 235) }
```

Border

The CSS property to change the border of an element to XYZ 78.7913, 72.3699, 88.4133 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(255, 208, 235) }
```


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

```
.border{ border-color:rgb(255, 208, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7913, 72.3699, 88.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 235) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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