

Converting Colors

XYZ(78.5707, 71.9988, 88.1237)

Have a look what the booklet for
XYZ(78.5707, 71.9988, 88.1237)
contains.

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Color

**XYZ(78.5482, 71.8838,
88.3323)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFEB
RGB	255, 207, 235
RGB Percent	100%, 81%, 92%
CMY	0.0000, 0.1882, 0.0784
CMYK	0.00, 0.19, 0.08, 0.00
HSL	325°, 100%, 91%
HSV	325°, 19%, 100%
XYZ	78.5482, 71.8838, 88.3323
YIQ	224.5440, 19.6200, 18.8840

Conversions

Conversions Part 2

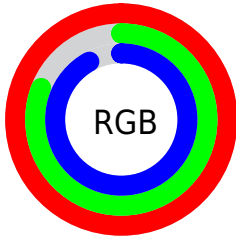
Format	Color
R_{YB}	255, 207, 235
Decimal	16764907
CIE _{Lab}	87.91, 21.31, -7.37
CIE _{LCh}	88, 22.551, 340.923
Yxy	71.8838, 0.3290, 0.3011
Android (android.graphics.Color)	4294954987 (0xFFFFCFEB)
YUV	224.5440, 5.1548, 26.7099
Hunter-Lab	84.7843, 16.9983, -2.4221

Details

The XYZ color **78.5482, 71.8838, 88.3323** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3596, 90.3326, 86.1404**, and the grayscale version is **71.1967, 74.9045, 81.5709**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6536, 37.7169, 47.6798** is the 20% darker color. If you saturate the color by 10%, you get **71.3725, 59.9161, 78.5917**, and if you desaturate by 10%, it is **86.8166, 85.8894, 98.8915**.

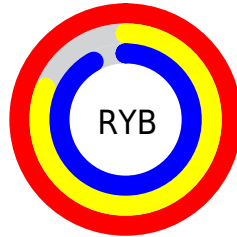
Distribution



Red (100%)

Green (81%)

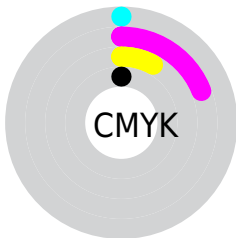
Blue (92%)



Red (100%)

Yellow (81%)

Blue (92%)

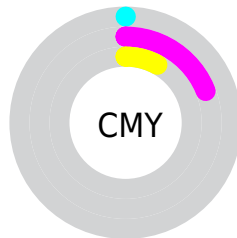


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5482, 71.8838, 88.3323 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 78.5482, 71.8838, 88.3323 by changing the saturation by 10% instead.


 78.5482, 71.8838,
88.3323

 78.5482, 71.8838,
88.3323


478.8380,
467.1371, 543.0203

 58.8288, 53.0638,
66.0324


130.2839,
121.8913, 146.9349

 42.7211, 37.8537,
47.8421


163.0309,
153.8476, 184.0747

 29.8599, 25.8691,
33.3427


200.8511,
190.9514, 226.9982

 19.8798, 16.7258,
22.1159

244.1099,
233.5871, 276.1240

 12.4155, 10.0392,
13.7429

293.1726,
282.1391, 331.8705

 7.1015, 5.4249,
7.8054

348.4046,

 3.5726, 2.4987,

336.9918, 394.6564

3.8847

410.1713,
398.5297, 464.9001

■ 1.4633, 0.8760,
1.5623

■ 0.3006, 0.0000,
0.2637

■ 78.5482, 71.8838,
88.3323

■ 78.5482, 71.8838,
88.3323

■ 71.3725, 59.9161,
78.5917

■ 86.8166, 85.8894,
98.8915

■ 65.2352, 49.8812,
69.6409

95.0500, 100.0000,
108.9000

■ 60.0844, 41.6779,
61.4556

■ 55.8620, 35.1923,
54.0081

■ 52.5030, 30.2974,
47.2682

■ 49.9338, 26.8486,
41.2025

■ 48.0671, 24.6746,
35.7731

■ 46.7774, 23.5272,
30.9285

■ 46.6444, 23.4218,
30.3892

Harmonies

Analogous

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



75.3089, 71.8838, 102.7930



78.5482, 71.8838, 88.3323



78.9658, 71.8838, 72.8013

Triad

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



78.5482, 71.8838, 88.3323



66.3865, 71.8838, 52.6876



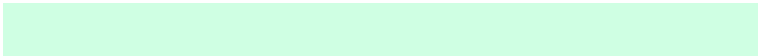
60.8185, 71.8838, 99.2699

Complementary

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



78.5482, 71.8838, 88.3323



75.3596, 90.3326, 86.1404

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.



58.6829, 71.8838, 84.0043



78.5482, 71.8838, 88.3323



61.7838, 71.8838, 57.9935

Square

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



78.5482, 71.8838, 88.3323



71.7523, 71.8838, 53.5275



59.0268, 71.8838, 69.0010



65.0055, 71.8838, 109.6567

Rectangle

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



78.5482, 71.8838, 88.3323



77.5645, 71.8838, 64.0422



59.0268, 71.8838, 69.0010



59.8470, 71.8838, 94.4612

Sweetspot

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



78.5499, 71.8868, 88.3338



89.3522, 90.2198, 102.0207



72.0439, 68.1800, 103.9707



18.9977, 19.0929, 21.6803



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.



78.5499, 71.8868, 88.3338



75.4208, 66.6427, 84.1649



75.3128, 70.5920, 71.2878



18.4538, 18.1648, 21.0068



24.4489, 12.2688, 16.2801



2.4350, 1.2164, 1.8721

Inverse Universe

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



78.5499, 71.8868, 88.3338



75.4208, 66.6427, 84.1649



78.9065, 91.7513, 104.8182



18.4538, 18.1648, 21.0068



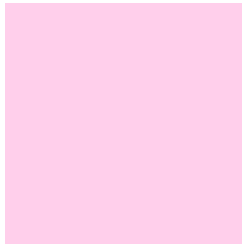
24.4489, 12.2688, 16.2801



2.4350, 1.2164, 1.8721

Previews

White Background



This preview shows how the XYZ color 78.5482, 71.8838, 88.3323 looks on a white background.

Color Contrast Check

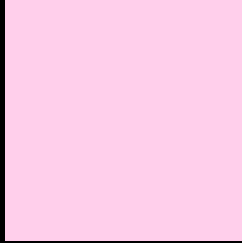
Large Text (above 18pt) WCAG AA × Fail

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 78.5482, 71.8838, 88.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

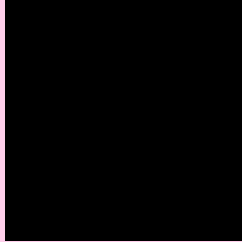
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5482, 71.8838, 88.3323

Background



This preview shows how black text looks on a background with the XYZ color 78.5482, 71.8838, 88.3323.



This preview shows how white text looks on a background with the XYZ color 78.5482, 71.8838,

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

78.5482, 71.8838, 88.3323

Protanopia

70.4226, 72.0395, 94.9874

Deuteranopia

73.4899, 71.8665, 87.8402



Tritanopia

77.2641, 72.1080, 81.0801

Trichromacy



Original Color

78.5482, 71.8838, 88.3323

Protanomaly

72.9836, 71.8811, 92.4659

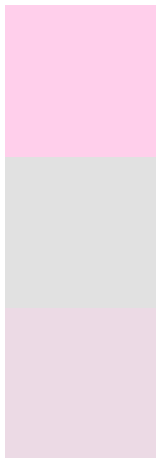
Deuteranomaly

75.1077, 71.5837, 87.7003

Tritanomaly

77.5718, 71.8397, 83.9067

Monochromacy



Original Color

78.5482, 71.8838, 88.3323

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.8063, 73.6328, 84.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5482, 71.8838, 88.3323 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, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 235) }
```

Border

The CSS property to change the border of an element to XYZ 78.5482, 71.8838, 88.3323 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, 207, 235) }
```


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

```
.border{ border-color:rgb(255, 207, 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, 207, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5482, 71.8838, 88.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 235) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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