

Converting Colors

XYZ(78.2581, 71.7696, 86.7985)

Have a look what the booklet for
XYZ(78.2581, 71.7696, 86.7985)
contains.

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Color

**XYZ(78.2608, 71.7688,
86.8188)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE9
RGB	255, 207, 233
RGB Percent	100%, 81%, 91%
CMY	0.0000, 0.1882, 0.0863
CMYK	0.00, 0.19, 0.09, 0.00
HSL	328°, 100%, 91%
HSV	328°, 19%, 100%
XYZ	78.2608, 71.7688, 86.8188
YIQ	224.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

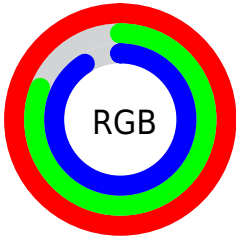
Format	Color
R _Y B	255, 207, 233
Decimal	16764905
CIE Lab	87.86, 20.98, -6.39
CIE LCh	88, 21.932, 343.048
Yxy	71.7688, 0.3304, 0.3030
Android (android.graphics.Color)	4294954985 (0xFFFFCFE9)
YUV	224.3160, 4.2812, 26.9099
Hunter-Lab	84.7165, 16.6439, -1.4598

Details

The XYZ color **78.2608, 71.7688, 86.8188** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.6372, 90.4436, 87.6029**, and the grayscale version is **71.0391, 74.7387, 81.3904**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4528, 37.6366, 46.6221** is the 20% darker color. If you saturate the color by 10%, you get **70.9599, 59.7510, 76.4187**, and if you desaturate by 10%, it is **86.6733, 85.8321, 98.1370**.

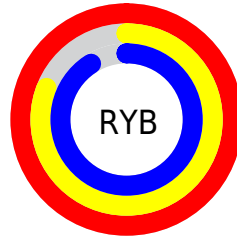
Distribution



Red (100%)

Green (81%)

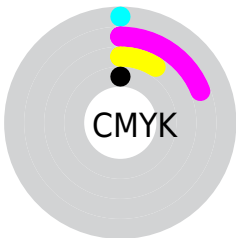
Blue (91%)



Red (100%)

Yellow (81%)

Blue (91%)

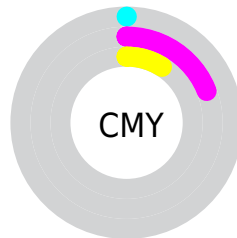


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2608, 71.7688, 86.8188 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 78.2608, 71.7688, 86.8188 by changing the saturation by 10% instead.


 78.2608, 71.7688,
86.8188

 78.2608, 71.7688,
86.8188


477.8784,
466.7365, 537.9280

 58.5918, 52.9698,
64.7865


129.8811,
121.7278, 144.8082

 42.5297, 37.7787,
46.8377


162.5631,
153.6566, 181.6024

 29.7092, 25.8110,
32.5540


200.3135,
190.7307, 224.1542

 19.7649, 16.6823,
21.5167

243.4976,
233.3347, 272.8823

 12.3316, 10.0082,
13.3073

292.4808,
281.8529, 328.2052

 7.0437, 5.4044,
7.5073

347.6284,

 3.5360, 2.4864,

336.6697, 390.5414

3.6981

409.3058,
398.1694, 460.3095

■ 1.4432, 0.8698,
1.4612

■ 0.2867, 0.0000,
0.1888

■ 78.2608, 71.7688,
86.8188

■ 78.2608, 71.7688,
86.8188

■ 70.9599, 59.7510,
76.4187

■ 86.6733, 85.8321,
98.1370

■ 64.7156, 49.6734,
66.9052

95.0500, 100.0000,
108.9000

■ 59.4758, 41.4345,
58.2508

■ 55.1816, 34.9201,
50.4250

■ 51.7674, 30.0031,
43.3942

■ 49.1589, 26.5386,
37.1219

■ 47.2682, 24.3551,
31.5663

■ 45.9692, 23.2039,
26.6725

■ 45.8360, 23.0984,
26.1322

Harmonies

Analogous

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



75.2892, 71.7688, 101.0617



78.2608, 71.7688, 86.8188



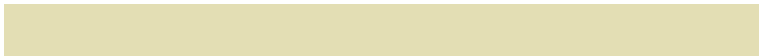
78.4547, 71.7688, 71.8393

Triad

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



78.2608, 71.7688, 86.8188



65.9756, 71.7688, 53.3767



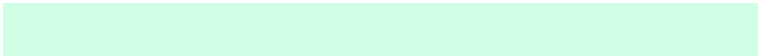
61.1465, 71.7688, 99.4283

Complementary

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



78.2608, 71.7688, 86.8188



75.6372, 90.4436, 87.6029

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.



58.9058, 71.7688, 84.8072



78.2608, 71.7688, 86.8188



61.5967, 71.7688, 58.9827

Square

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



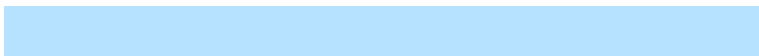
78.2608, 71.7688, 86.8188



71.1794, 71.7688, 53.7704



59.0662, 71.7688, 70.0672



65.3323, 71.7688, 108.9533

Rectangle

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



78.2608, 71.7688, 86.8188



76.9678, 71.7688, 63.5082



59.0662, 71.7688, 70.0672



60.1506, 71.7688, 94.8716

Sweetspot

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



78.2624, 71.7718, 86.8203



89.2531, 90.1802, 101.4988



72.5509, 68.4413, 103.9944



18.9742, 19.0836, 21.5569



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.



78.2624, 71.7718, 86.8203



75.0788, 66.5059, 82.3639



75.1132, 70.5121, 70.2365



18.4209, 18.1517, 20.8335



24.0266, 12.0999, 14.0566



2.3946, 1.2002, 1.6592

Inverse Universe

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



78.2624, 71.7718, 86.8203



75.0788, 66.5059, 82.3639



79.1598, 91.8526, 106.1522



18.4209, 18.1517, 20.8335



24.0266, 12.0999, 14.0566



2.3946, 1.2002, 1.6592

Previews

White Background



This preview shows how the XYZ color 78.2608, 71.7688, 86.8188 looks on a white background.

Color Contrast Check

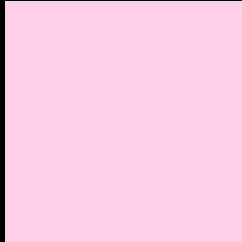
Large Text (above 18pt) WCAG AA × Fail

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 78.2608, 71.7688, 86.8188 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 78.2608, 71.7688, 86.8188

Background



This preview shows how black text looks on a background with the XYZ color 78.2608, 71.7688, 86.8188.



This preview shows how white text looks on a background with the XYZ color 78.2608, 71.7688,

86.8188.

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

78.2608, 71.7688, 86.8188

Protanopia

70.2731, 72.0144, 92.6344

Deuteranopia

73.5371, 71.9239, 86.3508



Tritanopia

77.0195, 71.6188, 80.9986

Trichromacy



Original Color

78.2608, 71.7688, 86.8188

Protanomaly

72.8652, 71.8711, 90.1529

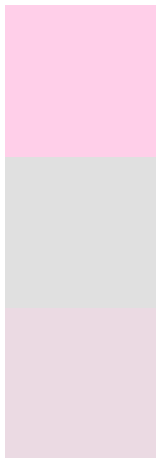
Deuteranomaly

75.1680, 71.6478, 86.2116

Tritanomaly

77.4325, 71.7840, 83.1734

Monochromacy



Original Color

78.2608, 71.7688, 86.8188

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.1975, 73.3510, 82.9733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2608, 71.7688, 86.8188 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 233) }
```

Border

The CSS property to change the border of an element to XYZ 78.2608, 71.7688, 86.8188 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, 233) }
```


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

```
.border{ border-color:rgb(255, 207, 233) }
```

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, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2608, 71.7688, 86.8188 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
207, 233) }
```

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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