

Converting Colors

XYZ(80.6375, 72.9025, 86.0478)

Have a look what the booklet for
XYZ(80.6375, 72.9025, 86.0478)
contains.

XYZ(78.1183, 71.7118, 86.0684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.1183, 71.7118,
86.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE8
RGB	255, 207, 232
RGB Percent	100%, 81%, 91%
CMY	0.0000, 0.1882, 0.0902
CMYK	0.00, 0.19, 0.09, 0.00
HSL	329°, 100%, 91%
HSV	329°, 19%, 100%
XYZ	78.1183, 71.7118, 86.0684
YIQ	224.2020, 20.5830, 17.9510

Conversions

Conversions Part 2

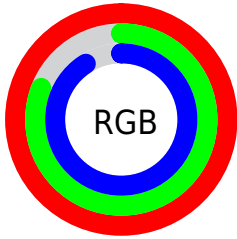
Format	Color
R_{YB}	255, 207, 232
Decimal	16764904
CIE _{Lab}	87.83, 20.81, -5.91
CIE _{LCh}	88, 21.635, 344.157
Yxy	71.7118, 0.3312, 0.3040
Android (android.graphics.Color)	4294954984 (0xFFFFCFE8)
YUV	224.2020, 3.8444, 27.0098
Hunter-Lab	84.6828, 16.4679, -0.9821

Details

The XYZ color **78.1183, 71.7118, 86.0684** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7773, 90.4997, 88.3405**, and the grayscale version is **70.9605, 74.6559, 81.3003**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3534, 37.5968, 46.0989** is the 20% darker color. If you saturate the color by 10%, you get **70.7563, 59.6696, 75.3469**, and if you desaturate by 10%, it is **86.6019, 85.8035, 97.7612**.

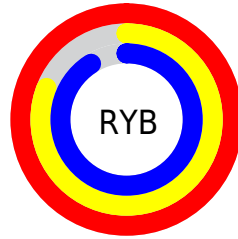
Distribution



Red (100%)

Green (81%)

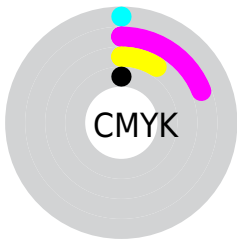
Blue (91%)



Red (100%)

Yellow (81%)

Blue (91%)

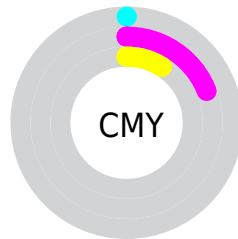


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1183, 71.7118, 86.0684 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 78.1183, 71.7118, 86.0684 by changing the saturation by 10% instead.


 78.1183, 71.7118,
86.0684

 78.1183, 71.7118,
86.0684


477.4022,
466.5379, 535.3932

 58.4743, 52.9233,
64.1693


129.6814,
121.6467, 143.7523

 42.4348, 37.7415,
46.3408

162.3311,
153.5619, 180.3742

 29.6345, 25.7821,
32.1642


200.0468,
190.6214, 222.7409

 19.7080, 16.6607,
21.2211

243.1938,
233.2096, 271.2707

 12.2900, 9.9929,
13.0929

292.1375,
281.7110, 326.3823

 7.0151, 5.3942,
7.3611

347.2432,

 3.5180, 2.4804,

336.5099, 388.4943

3.6071

408.8763,
397.9907, 458.0250

■ 1.4332, 0.8668,
1.4124

■ 0.2797, 0.0000,
0.1513

■ 78.1183, 71.7118,
86.0684

■ 78.1183, 71.7118,
86.0684

■ 70.7563, 59.6696,
75.3469

■ 86.6019, 85.8035,
97.7612

■ 64.4608, 49.5715,
65.5633

95.0500, 100.0000,
108.9000

■ 59.1792, 41.3158,
56.6888

■ 54.8523, 34.7884,
48.6908

■ 51.4141, 29.8618,
41.5340

■ 48.7901, 26.3911,
35.1798

■ 46.8919, 24.2045,
29.5845

■ 45.5928, 23.0533,
24.6907

■ 45.4602, 22.9481,
24.1530

Harmonies

Analogous

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



75.2804, 71.7118, 100.2040



78.1183, 71.7118, 86.0684



78.2008, 71.7118, 71.3608

Triad

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



78.1183, 71.7118, 86.0684



65.7708, 71.7118, 53.7233



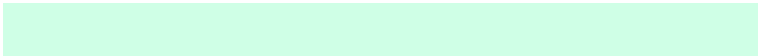
61.3113, 71.7118, 99.5098

Complementary

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



78.1183, 71.7118, 86.0684



75.7773, 90.4997, 88.3405

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.



59.0175, 71.7118, 85.2124



78.1183, 71.7118, 86.0684



61.5032, 71.7118, 59.4819

Square

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



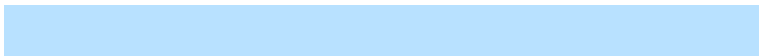
78.1183, 71.7118, 86.0684



70.8943, 71.7118, 53.8916



59.0860, 71.7118, 70.6055



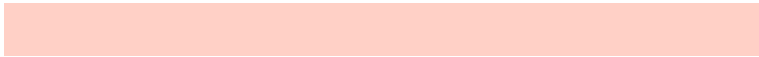
65.4968, 71.7118, 108.6049

Rectangle

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



78.1183, 71.7118, 86.0684



76.6712, 71.7118, 63.2415



59.0860, 71.7118, 70.6055



60.3030, 71.7118, 95.0794

Sweetspot

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



78.1199, 71.7148, 86.0699



89.2037, 90.1604, 101.2385



72.8061, 68.5729, 104.0063



18.9626, 19.0789, 21.4954



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.



78.1199, 71.7148, 86.0699



74.9096, 66.4382, 81.4728



75.0141, 70.4724, 69.7148



18.4045, 18.1451, 20.7472



23.8299, 12.0212, 13.0206



2.3755, 1.1926, 1.5586

Inverse Universe

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



78.1199, 71.7148, 86.0699



74.9096, 66.4382, 81.4728



79.2872, 91.9036, 106.8234



18.4045, 18.1451, 20.7472



23.8299, 12.0212, 13.0206



2.3755, 1.1926, 1.5586

Previews

White Background



This preview shows how the XYZ color 78.1183, 71.7118, 86.0684 looks on a white background.

Color Contrast Check

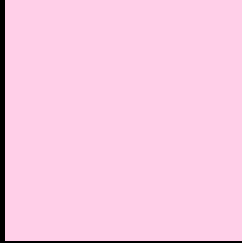
Large Text (above 18pt) WCAG AA × Fail

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 78.1183, 71.7118, 86.0684 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 78.1183, 71.7118, 86.0684

Background



This preview shows how black text looks on a background with the XYZ color 78.1183, 71.7118, 86.0684.



This preview shows how white text looks on a background with the XYZ color 78.1183, 71.7118,

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

78.1183, 71.7118, 86.0684

Protanopia

70.1249, 71.9551, 91.8541

Deuteranopia

73.3954, 71.8672, 85.6047



Tritanopia

76.8835, 71.5644, 80.2821

Trichromacy



Original Color

78.1183, 71.7118, 86.0684

Protanomaly

72.7195, 71.8128, 89.3854

Deuteranomaly

75.0263, 71.5911, 85.4655

Tritanomaly

77.2941, 71.7286, 82.4442

Monochromacy



Original Color

78.1183, 71.7118, 86.0684

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 78.1183, 71.7118, 86.0684 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 232) }
```

Border

The CSS property to change the border of an element to XYZ 78.1183, 71.7118, 86.0684 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, 232) }
```


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

```
.border{ border-color:rgb(255, 207, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1183, 71.7118, 86.0684 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
207, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor