

Converting Colors

XYZ(77.8187, 71.4178, 85.0276)

Have a look what the booklet for
XYZ(77.8187, 71.4178, 85.0276)
contains.

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Color

**XYZ(77.9766, 71.6552,
85.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE7
RGB	255, 207, 231
RGB Percent	100%, 81%, 91%
CMY	0.0000, 0.1882, 0.0941
CMYK	0.00, 0.19, 0.09, 0.00
HSL	330°, 100%, 91%
HSV	330°, 19%, 100%
XYZ	77.9766, 71.6552, 85.3223
YIQ	224.0880, 20.9040, 17.6400

Conversions

Conversions Part 2

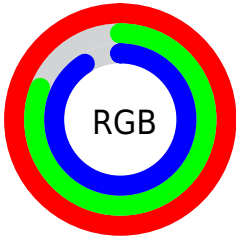
Format	Color
R_{YB}	255, 207, 231
Decimal	16764903
CIE _{Lab}	87.80, 20.65, -5.42
CIE _{LCh}	88, 21.346, 345.298
Yxy	71.6552, 0.3319, 0.3050
Android (android.graphics.Color)	4294954983 (0xFFFFCFE7)
YUV	224.0880, 3.4076, 27.1098
Hunter-Lab	84.6494, 16.2927, -0.5067

Details

The XYZ color **77.9766, 71.6552, 85.3223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9183, 90.5561, 89.0826**, and the grayscale version is **70.8819, 74.5733, 81.2103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2548, 37.5574, 45.5797** is the 20% darker color. If you saturate the color by 10%, you get **70.5547, 59.5890, 74.2848**, and if you desaturate by 10%, it is **86.5308, 85.7752, 97.3864**.

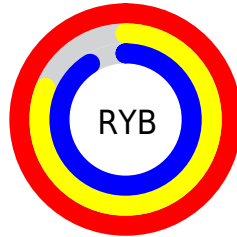
Distribution



Red (100%)

Green (81%)

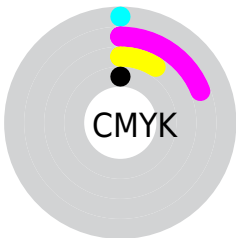
Blue (91%)



Red (100%)

Yellow (81%)

Blue (91%)

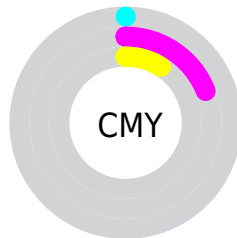


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9766, 71.6552, 85.3223 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 77.9766, 71.6552, 85.3223 by changing the saturation by 10% instead.

77.9766, 71.6552,
85.3223

77.9766, 71.6552,
85.3223

476.9284,
466.3406, 532.8663

58.3575, 52.8771,
63.5560

129.4827,
121.5662, 142.7015

42.3405, 37.7046,
45.8473

162.1003,
153.4678, 179.1516

29.5603, 25.7535,
31.7775

199.7815,
190.5128, 221.3334

19.6515, 16.6393,
20.9282

242.8917,
233.0854, 269.6654

12.2487, 9.9777,
12.8808

291.7961,
281.5701, 324.5661

6.9867, 5.3842,
7.2168

346.8601,

3.5000, 2.4744,

336.3512, 386.4541

3.5175

408.4491,
397.8133, 455.7480

■ 1.4234, 0.8638,
1.3646

■ 0.2728, 0.0000,
0.1139

■ 77.9766, 71.6552,
85.3223

■ 77.9766, 71.6552,
85.3223

■ 70.5547, 59.5890,
74.2848

■ 86.5308, 85.7752,
97.3864

■ 64.2093, 49.4709,
64.2389

95.0500, 100.0000,
108.9000

■ 58.8877, 41.1993,
55.1537

■ 54.5302, 34.6596,
46.9947

■ 51.0705, 29.7244,
39.7246

■ 48.4336, 26.2486,
33.3025

■ 46.5307, 24.0601,
27.6825

■ 45.2347, 22.9101,
22.8047

■ 45.1028, 22.8051,
22.2714

Harmonies

Analogous

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



75.2722, 71.6552, 99.3516



77.9766, 71.6552, 85.3223



77.9479, 71.6552, 70.8842

Triad

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



77.9766, 71.6552, 85.3223



65.5666, 71.6552, 54.0715



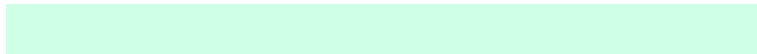
61.4768, 71.6552, 99.5927

Complementary

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



77.9766, 71.6552, 85.3223



75.9183, 90.5561, 89.0826

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.



59.1297, 71.6552, 85.6200



77.9766, 71.6552, 85.3223



61.4099, 71.6552, 59.9842

Square

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



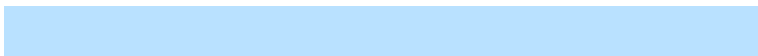
77.9766, 71.6552, 85.3223



70.6102, 71.6552, 54.0128



59.1058, 71.6552, 71.1473



65.6620, 71.6552, 108.2585

Rectangle

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



77.9766, 71.6552, 85.3223



76.3758, 71.6552, 62.9754



59.1058, 71.6552, 71.1473



60.4561, 71.6552, 95.2888

Sweetspot

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



77.9783, 71.6582, 85.3238



89.1543, 90.1407, 100.9786



73.3203, 68.8380, 104.0304



18.9509, 19.0742, 21.4340



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.



77.9783, 71.6582, 85.3238



74.7416, 66.3710, 80.5880



74.8175, 70.3939, 68.6795



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0341



2.3571, 1.1852, 1.4620

Inverse Universe

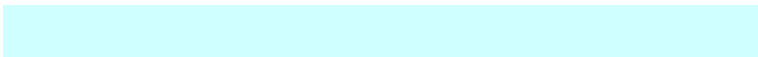
The Inverse Universe completely reimagines the original color for something new.



77.9783, 71.6582, 85.3238



74.7416, 66.3710, 80.5880



79.5438, 92.0063, 108.1743



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0341



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 77.9766, 71.6552, 85.3223 looks on a white background.

Color Contrast Check

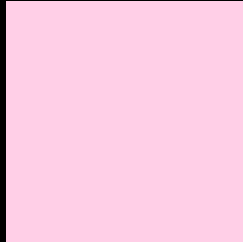
Large Text (above 18pt) WCAG AA × Fail

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 77.9766, 71.6552, 85.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

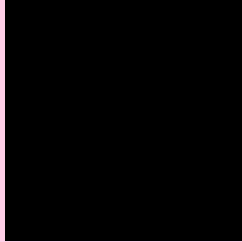
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9766, 71.6552, 85.3223

Background



This preview shows how black text looks on a background with the XYZ color 77.9766, 71.6552, 85.3223.



This preview shows how white text looks on a background with the XYZ color 77.9766, 71.6552,

85.3223.

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

77.9766, 71.6552, 85.3223

Protanopia

69.9776, 71.8962, 91.0781

Deuteranopia

73.5894, 71.9834, 84.8785



Tritanopia

76.8835, 71.5644, 80.2821

Trichromacy



Original Color

77.9766, 71.6552, 85.3223

Protanomaly

72.5745, 71.7548, 88.6222

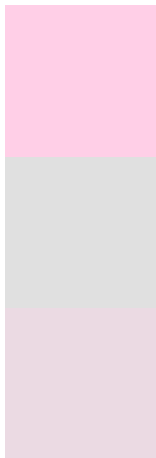
Deuteranomaly

74.8854, 71.5348, 84.7236

Tritanomaly

77.2941, 71.7286, 82.4442

Monochromacy



Original Color

77.9766, 71.6552, 85.3223

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 77.9766, 71.6552, 85.3223 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 231) }
```

Border

The CSS property to change the border of an element to XYZ 77.9766, 71.6552, 85.3223 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, 231) }
```


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

```
.border{ border-color:rgb(255, 207, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9766, 71.6552, 85.3223 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
207, 231) }
```

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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