

Converting Colors

XYZ(91.0625, 77.8947, 86.1490)

Have a look what the booklet for
XYZ(91.0625, 77.8947, 86.1490)
contains.

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Color

**XYZ(77.7351, 71.1721,
85.2418)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEE7
RGB	255, 206, 231
RGB Percent	100%, 81%, 91%
CMY	0.0000, 0.1921, 0.0941
CMYK	0.00, 0.19, 0.09, 0.00
HSL	329°, 100%, 90%
HSV	329°, 19%, 100%
XYZ	77.7351, 71.1721, 85.2418
YIQ	223.5010, 21.1790, 18.1630

Conversions

Conversions Part 2

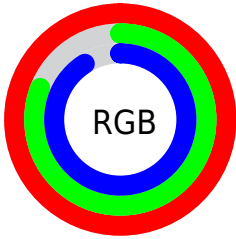
Format	Color
R_{YB}	255, 206, 231
Decimal	16764647
CIE _{Lab}	87.57, 21.17, -5.76
CIE _{LCh}	88, 21.942, 344.773
Yxy	71.1721, 0.3320, 0.3040
Android (android.graphics.Color)	4294954727 (0xFFFFCEE7)
YUV	223.5010, 3.6970, 27.6246
Hunter-Lab	84.3636, 16.8390, -0.8527

Details

The XYZ color **77.7351, 71.1721, 85.2418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4988, 90.3561, 88.3275**, and the grayscale version is **70.4610, 74.1304, 80.7280**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0932, 37.2341, 45.5258** is the 20% darker color. If you saturate the color by 10%, you get **70.3854, 59.1959, 74.3969**, and if you desaturate by 10%, it is **86.2098, 85.1963, 97.0848**.

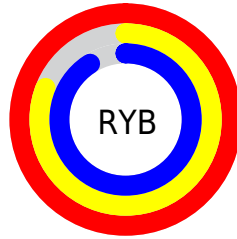
Distribution



Red (100%)

Green (81%)

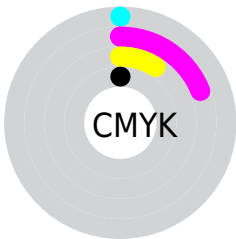
Blue (91%)



Red (100%)

Yellow (81%)

Blue (91%)

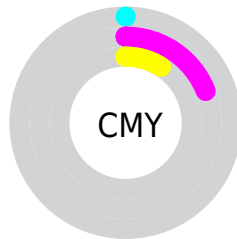


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7351, 71.1721, 85.2418 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 77.7351, 71.1721, 85.2418 by changing the saturation by 10% instead.


 77.7351, 71.1721,
85.2418

 77.7351, 71.1721,
85.2418


476.1203,
464.6548, 532.5933

 58.1584, 52.4827,
63.4899


129.1440,
120.8787, 142.5881

 42.1798, 37.3899,
45.7941

161.7069,
152.6647, 179.0196

 29.4338, 25.5095,
31.7359


199.3292,
189.5850, 221.1814

 19.5552, 16.4571,
20.8967

242.3764,
232.0240, 269.4920

 12.1785, 9.8482,
12.8580

291.2138,
280.3661, 324.3699

 6.9384, 5.2984,
7.2013

346.2066,

 3.4696, 2.4234,

334.9957, 386.2337

3.5079

407.7203,
396.2971, 455.5020

■ 1.4067, 0.8379,
1.3595

■ 0.2610, 0.0000,
0.1098

■ 77.7351, 71.1721,
85.2418

■ 77.7351, 71.1721,
85.2418

■ 70.3854, 59.1959,
74.3969

■ 86.2098, 85.1963,
97.0848

■ 64.1054, 49.1619,
64.5158

95.0500, 100.0000,
108.9000

■ 58.8419, 40.9681,
55.5687

■ 54.5354, 34.4996,
47.5218

■ 51.1196, 29.6286,
40.3388

■ 48.5190, 26.2090,
33.9797

■ 46.6446, 24.0677,
28.3995

■ 45.3637, 22.9443,
23.5377

■ 45.2756, 22.8742,
23.1811

Harmonies

Analogous

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



74.9181, 71.1721, 99.5942



77.7351, 71.1721, 85.2418



77.7575, 71.1721, 70.4358

Triad

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



77.7351, 71.1721, 85.2418



65.1352, 71.1721, 53.0239



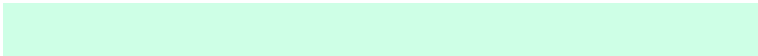
60.8101, 71.1721, 99.4054

Complementary

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



77.7351, 71.1721, 85.2418



75.4988, 90.3561, 88.3275

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.



58.4531, 71.1721, 85.0093



77.7351, 71.1721, 85.2418



60.8621, 71.1721, 58.9324

Square

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



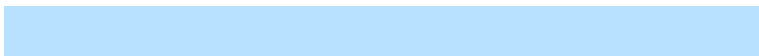
77.7351, 71.1721, 85.2418



70.3007, 71.1721, 53.0694



58.4717, 71.1721, 70.2311



65.0609, 71.1721, 108.4554

Rectangle

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



77.7351, 71.1721, 85.2418



76.1755, 71.1721, 62.3170



58.4717, 71.1721, 70.2311



59.7799, 71.1721, 94.9552

Sweetspot

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



77.7367, 71.1750, 85.2433



89.1785, 90.1503, 101.1059



72.6553, 68.1366, 103.9301



18.9566, 19.0765, 21.4640



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.



77.7367, 71.1750, 85.2433



74.8237, 66.4039, 81.0207



74.5535, 69.9018, 68.4807



18.3962, 18.1418, 20.7033



23.7332, 11.9826, 12.5112



2.3660, 1.1888, 1.5089

Inverse Universe

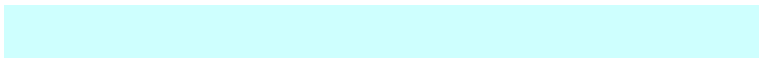
The Inverse Universe completely reimagines the original color for something new.



77.7367, 71.1750, 85.2433



74.8237, 66.4039, 81.0207



79.1340, 91.8102, 107.4703



18.3962, 18.1418, 20.7033



23.7332, 11.9826, 12.5112



2.3660, 1.1888, 1.5089

Previews

White Background



This preview shows how the XYZ color 77.7351, 71.1721, 85.2418 looks on a white background.

Color Contrast Check

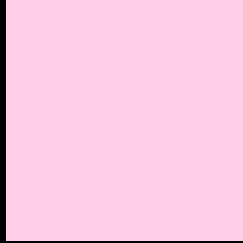
Large Text (above 18pt) WCAG AA × Fail

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 77.7351, 71.1721, 85.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

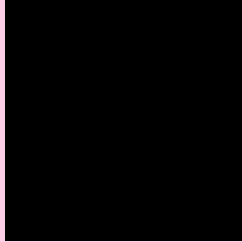
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7351, 71.1721, 85.2418

Background



This preview shows how black text looks on a background with the XYZ color 77.7351, 71.1721, 85.2418.



This preview shows how white text looks on a background with the XYZ color 77.7351, 71.1721,

85.2418.

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

77.7351, 71.1721, 85.2418

Protanopia

69.5648, 71.2802, 91.7534

Deuteranopia

73.0022, 71.3062, 84.7788



Tritanopia

76.5052, 71.0242, 79.4888

Trichromacy



Original Color

77.7351, 71.1721, 85.2418

Protanomaly

72.1419, 71.1382, 89.2856

Deuteranomaly

74.6377, 71.0395, 84.6411

Tritanomaly

76.9133, 71.1875, 81.6383

Monochromacy



Original Color

77.7351, 71.1721, 85.2418

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9389, 72.8339, 82.8871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7351, 71.1721, 85.2418 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, 206, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 231) }
```

Border

The CSS property to change the border of an element to XYZ 77.7351, 71.1721, 85.2418 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, 206, 231) }
```


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

```
.border{ border-color:rgb(255, 206, 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, 206, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7351, 71.1721, 85.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 231) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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