

Converting Colors

XYZ(76.1515, 70.9839, 81.7960)

Have a look what the booklet for
XYZ(76.1515, 70.9839, 81.7960)
contains.

XYZ(76.0670, 71.1120, 81.6683)	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(76.0670, 71.1120,
81.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0E2
RGB	251, 208, 226
RGB Percent	98%, 82%, 89%
CMY	0.0157, 0.1843, 0.1137
CMYK	0.00, 0.17, 0.10, 0.02
HSL	335°, 84%, 90%
HSV	335°, 17%, 98%
XYZ	76.0670, 71.1120, 81.6683
YIQ	222.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

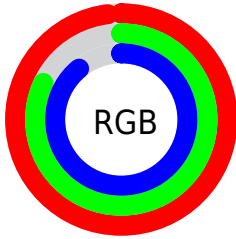
Format	Color
R _Y B	251, 208, 226
Decimal	16503010
CIE Lab	87.54, 17.93, -3.20
CIE LCh	88, 18.212, 349.879
Yxy	71.1120, 0.3324, 0.3107
Android (android.graphics.Color)	4294693090 (0xFFFFBD0E2)
YUV	222.9090, 1.5239, 24.6358
Hunter-Lab	84.3279, 13.4399, 1.6095

Details

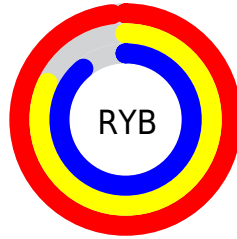
The XYZ color **76.0670, 71.1120, 81.6683** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2204, 88.2893, 90.1721**, and the grayscale version is **70.0560, 73.7044, 80.2641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9901, 37.1921, 43.5465** is the 20% darker color. If you saturate the color by 10%, you get **68.5071, 59.0612, 69.6849**, and if you desaturate by 10%, it is **84.7699, 85.1741, 94.8754**.

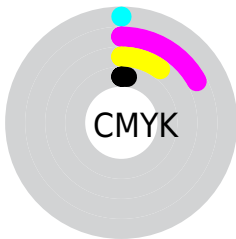
Distribution



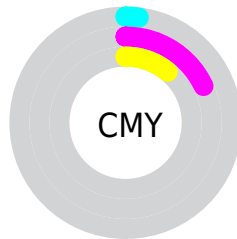
- Red (98%)
- Green (82%)
- Blue (89%)



- Red (98%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0670, 71.1120, 81.6683 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 76.0670, 71.1120, 81.6683 by changing the saturation by 10% instead.


 76.0670, 71.1120,
81.6683

 76.0670, 71.1120,
81.6683

470.5179,
464.4449, 520.3918

 56.7847, 52.4336,
60.5579


126.8015,
120.7932, 137.5413

 41.0719, 37.3508,
43.4403

158.9843,
152.5648, 173.1409

 28.5632, 25.4792,
29.8968


196.1981,
189.4695, 214.4075

 18.8932, 16.4345,
19.5088

238.8081,
231.8919, 261.7594

 11.6967, 9.8321,
11.8580

287.1798,
280.2162, 315.6152

 6.6082, 5.2878,
6.5257

341.6784,

 3.2625, 2.4171,

334.8268, 376.3935

3.0934

402.6693,
396.1083, 444.5129

■ 1.2940, 0.8347,
1.1425

■ 0.1787, 0.0000,
0.0000

■ 76.0670, 71.1120,
81.6683

■ 76.0670, 71.1120,
81.6683

■ 68.5071, 59.0612,
69.6849

■ 84.7699, 85.1741,
94.8754

■ 62.0343, 48.9196,
58.8834

■ 93.5940, 99.2494,
108.8319

■ 56.5973, 40.5904,
49.2257

■ 52.1379, 33.9647,
40.6698

■ 48.5917, 28.9214,
33.1706

■ 45.8862, 25.3235,
26.6792

■ 43.9367, 23.0101,
21.1412

■ 42.6358, 21.7752,
16.4930

■ 42.3367, 21.5305,
15.3039

Harmonies

Analogous

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



74.1166, 71.1120, 93.7253



76.0670, 71.1120, 81.6683



75.6736, 71.1120, 69.6474

Triad

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



76.0670, 71.1120, 81.6683



64.8151, 71.1120, 57.2134



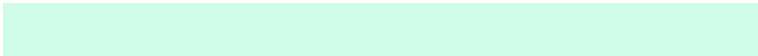
62.3968, 71.1120, 97.0000

Complementary

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



76.0670, 71.1120, 81.6683



75.2204, 88.2893, 90.1721

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.



60.1033, 71.1120, 85.7694



76.0670, 71.1120, 81.6683



61.4580, 71.1120, 63.1402

Square

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



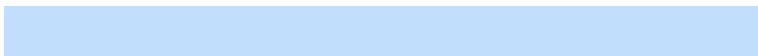
76.0670, 71.1120, 81.6683



69.0543, 71.1120, 56.3650



59.7671, 71.1120, 73.3388



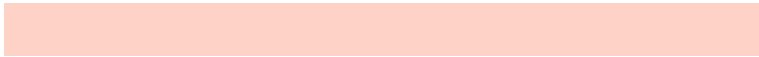
66.1462, 71.1120, 103.1785

Rectangle

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



76.0670, 71.1120, 81.6683



74.1405, 71.1120, 63.2073



59.7671, 71.1120, 73.3388



61.4368, 71.1120, 93.6381

Sweetspot

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



76.0690, 71.1152, 81.6698



89.9458, 91.6649, 101.4233



73.3690, 69.2975, 100.7765



19.1039, 19.3788, 21.4895



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

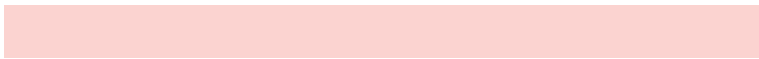
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0690, 71.1152, 81.6698



75.6677, 68.6178, 79.6801



74.4325, 71.5889, 69.5734



17.5460, 17.3457, 19.4648



22.3224, 11.3447, 8.4064



2.1190, 1.0713, 1.0500

Inverse Universe

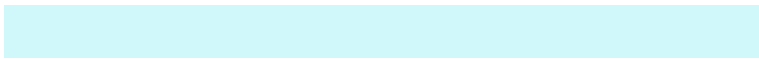
The Inverse Universe completely reimagines the original color for something new.



76.0690, 71.1152, 81.6698



75.6677, 68.6178, 79.6801



77.0357, 87.5935, 104.1147



17.5460, 17.3457, 19.4648



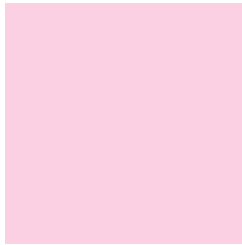
22.3224, 11.3447, 8.4064



2.1190, 1.0713, 1.0500

Previews

White Background



This preview shows how the XYZ color 76.0670, 71.1120, 81.6683 looks on a white background.

Color Contrast Check

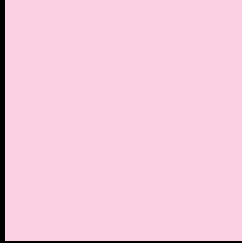
Large Text (above 18pt) WCAG AA × Fail

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 76.0670, 71.1120, 81.6683 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 76.0670, 71.1120, 81.6683

Background



This preview shows how black text looks on a background with the XYZ color 76.0670, 71.1120, 81.6683.



This preview shows how white text looks on a background with the XYZ color 76.0670, 71.1120,

81.6683.

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

76.0670, 71.1120, 81.6683

Protanopia

69.1521, 71.1846, 86.4392

Deuteranopia

72.6448, 71.2019, 81.1487



Tritanopia

75.7941, 71.0028, 80.2311

Trichromacy



Original Color

76.0670, 71.1120, 81.6683

Protanomaly

71.2845, 70.7952, 84.7707

Deuteranomaly

73.8470, 71.0795, 81.0617

Tritanomaly

75.9301, 71.0572, 80.9476

Monochromacy



Original Color

76.0670, 71.1120, 81.6683

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1302, 72.8483, 80.7805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0670, 71.1120, 81.6683 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(251, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 226)  
}
```

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(251, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 226) }
```

Border

The CSS property to change the border of an element to XYZ 76.0670, 71.1120, 81.6683 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(251, 208, 226) }
```


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

```
.border{ border-color:rgb(251, 208, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(251, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0670, 71.1120, 81.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 226) }
```

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

```
.background{ background-color: rgb(251,  
208, 226) }
```

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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