

Converting Colors

XYZ(81.5316, 71.4090, 84.3717)

Have a look what the booklet for
XYZ(81.5316, 71.4090, 84.3717)
contains.

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Color

**XYZ(76.4096, 68.7465,
84.1051)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC9E6 |
| RGB | 255, 201, 230 |
| RGB Percent | 100%, 79%, 90% |
| CMY | 0.0000, 0.2117, 0.0980 |
| CMYK | 0.00, 0.21, 0.10, 0.00 |
| HSL | 328°, 100%, 89% |
| HSV | 328°, 21%, 100% |
| XYZ | 76.4096, 68.7465, 84.1051 |
| YIQ | 220.4520, 22.8750, 20.4670 |

Conversions

Conversions Part 2

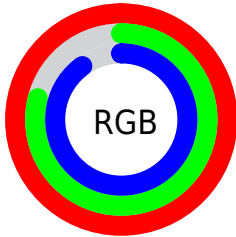
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 201, 230 |
| Decimal | 16763366 |
| CIE _{Lab} | 86.38, 23.63, -6.99 |
| CIE _{LCh} | 86, 24.641, 343.516 |
| Yxy | 68.7465, 0.3333, 0.2999 |
| Android (android.graphics.Color) | 4294953446 (0xFFFFC9E6) |
| YUV | 220.4520, 4.7072, 30.2986 |
| Hunter-Lab | 82.9135, 19.3994, -2.1026 |

Details

The XYZ color **76.4096, 68.7465, 84.1051** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5771, 89.4296, 85.3386**, and the grayscale version is **68.3017, 71.8587, 78.2541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4603, 35.9683, 45.3148** is the 20% darker color. If you saturate the color by 10%, you get **69.3491, 57.1895, 73.8472**, and if you desaturate by 10%, it is **84.5723, 82.3276, 95.2863**.

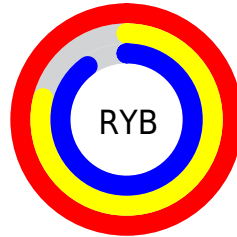
Distribution



Red (100%)

Green (79%)

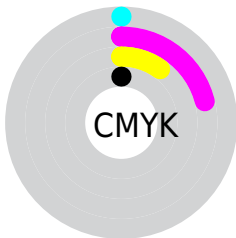
Blue (90%)



Red (100%)

Yellow (79%)

Blue (90%)

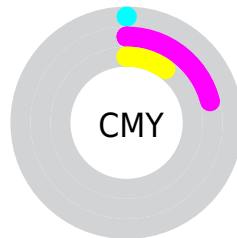


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4096, 68.7465, 84.1051 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 76.4096, 68.7465, 84.1051 by changing the saturation by 10% instead.


 76.4096, 68.7465,
84.1051

 76.4096, 68.7465,
84.1051


471.6715,
456.1364, 528.7294

 57.0667, 50.5053,
62.5563


127.2830,
117.4194, 140.9852

 41.2991, 35.8150,
45.0437


159.5442,
148.6199, 177.1536

 28.7416, 24.2914,
31.1486


196.8422,
184.9090, 219.0324

 19.0287, 15.5499,
20.4526

239.5423,
226.6710, 267.0399

 11.7952, 9.2062,
12.5372

288.0100,
274.2903, 321.5949

 6.6756, 4.8759,
6.9837

342.6105,

 3.3046, 2.1747,

328.1514, 383.1157

3.3736

403.7092,
388.6386, 452.0210

■ 1.3168, 0.7061,
1.2884

■ 0.1957, 0.0000,
0.0523

■ 76.4096, 68.7465,
84.1051

■ 76.4096, 68.7465,
84.1051

■ 69.3491, 57.1895,
73.8472

■ 84.5723, 82.3276,
95.2863

■ 63.3352, 47.5498,
64.4804

■ 93.8799, 98.0156,
107.4129

■ 58.3144, 39.7237,
55.9766

95.0500, 100.0000,
108.9000

■ 54.2264, 33.5944,
48.3041

■ 51.0038, 29.0310,
41.4285

■ 48.5694, 25.8833,
35.3115

■ 46.8312, 23.9712,
29.9097

■ 45.7509, 23.0643,
25.6839

Harmonies

Analogous

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



73.1719, 68.7465, 99.9655



76.4096, 68.7465, 84.1051



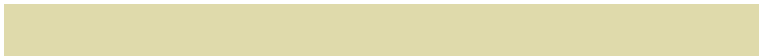
76.5726, 68.7465, 67.7629

Triad

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



76.4096, 68.7465, 84.1051



62.8164, 68.7465, 48.3231



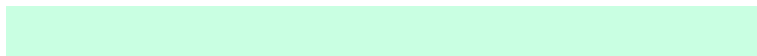
57.7208, 68.7465, 98.5798

Complementary

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



76.4096, 68.7465, 84.1051



73.5771, 89.4296, 85.3386

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.



55.2661, 68.7465, 82.4217



76.4096, 68.7465, 84.1051



58.0906, 68.7465, 54.3438

Square

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



76.4096, 68.7465, 84.1051



68.4968, 68.7465, 48.6376



55.3974, 68.7465, 66.3061



62.2846, 68.7465, 109.1167

Rectangle

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



76.4096, 68.7465, 84.1051



74.8989, 68.7465, 58.8435



55.3974, 68.7465, 66.3061



56.6338, 68.7465, 93.5316

Sweetspot

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



76.4112, 68.7494, 84.1065



89.2421, 90.1758, 101.4409



70.0840, 65.0525, 103.4703



18.9716, 19.0825, 21.5432



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.



76.4112, 68.7494, 84.1065



73.5822, 64.0935, 80.0742



72.9919, 67.3816, 66.1007



18.4172, 18.1502, 20.8143



23.9821, 12.0821, 13.8221



2.3903, 1.1985, 1.6365

Inverse Universe

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



76.4112, 68.7494, 84.1065



73.5822, 64.0935, 80.0742



77.4673, 90.9857, 105.8242



18.4172, 18.1502, 20.8143



23.9821, 12.0821, 13.8221



2.3903, 1.1985, 1.6365

Previews

White Background



This preview shows how the XYZ color 76.4096, 68.7465, 84.1051 looks on a white background.

Color Contrast Check

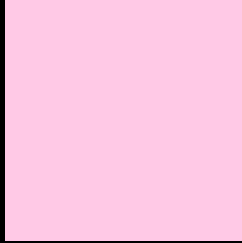
Large Text (above 18pt) WCAG AA × Fail

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 76.4096, 68.7465, 84.1051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

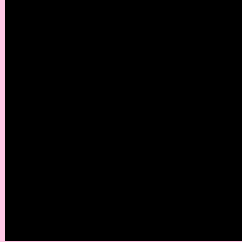
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4096, 68.7465, 84.1051

Background



This preview shows how black text looks on a background with the XYZ color 76.4096, 68.7465, 84.1051.



This preview shows how white text looks on a background with the XYZ color 76.4096, 68.7465,

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

76.4096, 68.7465, 84.1051

Protanopia

67.6120, 69.1290, 91.4411

Deuteranopia

70.3289, 68.8504, 82.9815



Tritanopia

75.0152, 68.8972, 76.3626

Trichromacy



Original Color

76.4096, 68.7465, 84.1051

Protanomaly

70.5000, 68.8073, 88.9223

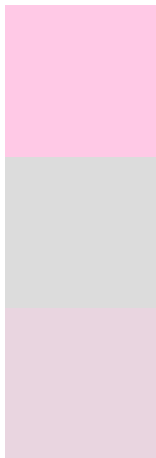
Deuteranomaly

72.3909, 68.8081, 83.5946

Tritanomaly

75.3129, 68.6396, 79.0914

Monochromacy



Original Color

76.4096, 68.7465, 84.1051

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.8531, 70.2940, 80.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4096, 68.7465, 84.1051 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, 201, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 230)  
}
```

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, 201, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.4096, 68.7465, 84.1051 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, 201, 230) }
```


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

```
.border{ border-color:rgb(255, 201, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4096, 68.7465, 84.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 230) }
```

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

```
.background{ background-color: rgb(255,  
201, 230) }
```

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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