

Converting Colors

XYZ(76.4317, 70.0885, 85.3922)

Have a look what the booklet for
XYZ(76.4317, 70.0885, 85.3922)
contains.

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Color

**XYZ(76.4000, 70.1276,
85.1106)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCDE7
RGB	252, 205, 231
RGB Percent	99%, 80%, 91%
CMY	0.0118, 0.1961, 0.0941
CMYK	0.00, 0.19, 0.08, 0.01
HSL	327°, 89%, 90%
HSV	327°, 19%, 99%
XYZ	76.4000, 70.1276, 85.1106
YIQ	222.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

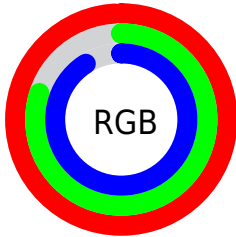
Format	Color
R _{YB}	252, 205, 231
Decimal	16567783
CIE Lab	87.06, 20.67, -6.55
CIE LCh	87, 21.685, 342.430
Yxy	70.1276, 0.3298, 0.3027
Android (android.graphics.Color)	4294757863 (0xFFFCDE7)
YUV	222.0170, 4.4286, 26.2951
Hunter-Lab	83.7422, 16.3009, -1.6393

Details

The XYZ color **76.4000, 70.1276, 85.1106** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.7175, 88.0928, 85.0739**, and the grayscale version is **69.4049, 73.0193, 79.5180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3101, 36.8305, 45.4891** is the 20% darker color. If you saturate the color by 10%, you get **69.3113, 58.4134, 75.1521**, and if you desaturate by 10%, it is **84.5659, 83.8306, 95.9347**.

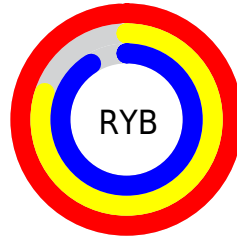
Distribution



Red (99%)

Green (80%)

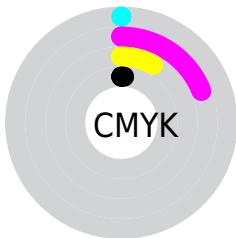
Blue (91%)



Red (99%)

Yellow (80%)

Blue (91%)

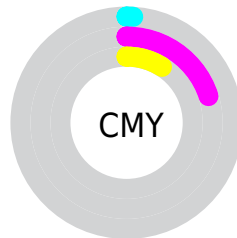


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (20%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4000, 70.1276, 85.1106 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 76.4000, 70.1276, 85.1106 by changing the saturation by 10% instead.


 76.4000, 70.1276,
85.1106

 76.4000, 70.1276,
85.1106


471.6392,
460.9979, 532.1481

 57.0588, 51.6306,
63.3821


127.2695,
119.3907, 142.4032

 41.2927, 36.7107,
45.7074

159.5285,
150.9256, 178.8044

 28.7366, 24.9836,
31.6680


196.8241,
187.5752, 220.9336

 19.0249, 16.0648,
20.8453

239.5218,
229.7239, 269.2093

 11.7924, 9.5700,
12.8208

287.9867,
277.7561, 324.0501

 6.6737, 5.1148,
7.1760

342.5844,

 3.3034, 2.3148,

332.0563, 385.8744

3.4923

403.6801,
393.0087, 455.1009

■ 1.3161, 0.7815,
1.3512

■ 0.1953, 0.0000,
0.1032

■ 76.4000, 70.1276,
85.1106

■ 76.4000, 70.1276,
85.1106

■ 69.3113, 58.4134,
75.1521

■ 84.5659, 83.8306,
95.9347

■ 63.2455, 48.5850,
66.0291

■ 93.7183, 99.3409,
107.6009

■ 58.1523, 40.5445,
57.7162

■ 93.9553, 99.4357,
108.8488

■ 53.9749, 34.1811,
50.1843

■ 50.6499, 29.3717,
43.4020

■ 48.1056, 25.9760,
37.3347

■ 46.2571, 23.8280,
31.9430

■ 44.9838, 22.6902,
27.1754

■ 44.8344, 22.5713,
26.5713

Harmonies

Analogous

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



73.4594, 70.1276, 98.9056



76.4000, 70.1276, 85.1106



76.6484, 70.1276, 70.4961

Triad

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



76.4000, 70.1276, 85.1106



64.5750, 70.1276, 52.1809



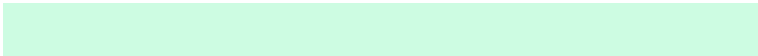
59.7058, 70.1276, 96.8144

Complementary

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



76.4000, 70.1276, 85.1106



73.7175, 88.0928, 85.0739

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.



57.5688, 70.1276, 82.5341



76.4000, 70.1276, 85.1106



60.2828, 70.1276, 57.5258

Square

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



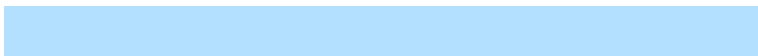
76.4000, 70.1276, 85.1106



69.6444, 70.1276, 52.6859



57.7745, 70.1276, 68.2252



63.7508, 70.1276, 106.2299

Rectangle

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



76.4000, 70.1276, 85.1106



75.2373, 70.1276, 62.3248



57.7745, 70.1276, 68.2252



58.7500, 70.1276, 92.3516

Sweetspot

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



76.4020, 70.1307, 85.1121



89.2805, 90.1911, 101.6428



70.5706, 66.7610, 101.2631



18.9807, 19.0861, 21.5909



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.



76.4020, 70.1307, 85.1121



75.9138, 67.7702, 83.8926



73.3803, 68.9220, 69.1999



17.6465, 17.3860, 19.9942



23.4299, 11.7877, 14.2384



2.2234, 1.1131, 1.5999

Inverse Universe

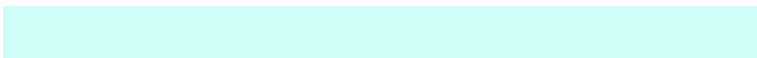
The Inverse Universe completely reimagines the original color for something new.



76.4020, 70.1307, 85.1121



75.9138, 67.7702, 83.8926



77.0675, 89.4328, 102.7151



17.6465, 17.3860, 19.9942



23.4299, 11.7877, 14.2384



2.2234, 1.1131, 1.5999

Previews

White Background



This preview shows how the XYZ color 76.4000, 70.1276, 85.1106 looks on a white background.

Color Contrast Check

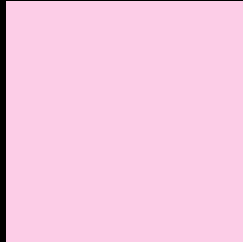
Large Text (above 18pt) WCAG AA × Fail

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 76.4000, 70.1276, 85.1106 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 76.4000, 70.1276, 85.1106

Background



This preview shows how black text looks on a background with the XYZ color 76.4000, 70.1276, 85.1106.



This preview shows how white text looks on a background with the XYZ color 76.4000, 70.1276,

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

76.4000, 70.1276, 85.1106

Protanopia

68.5644, 70.3977, 90.8633

Deuteranopia

71.7581, 70.2926, 84.6487



Tritanopia

75.0398, 69.9258, 78.6492

Trichromacy



Original Color

76.4000, 70.1276, 85.1106

Protanomaly

71.1027, 70.2447, 88.4083

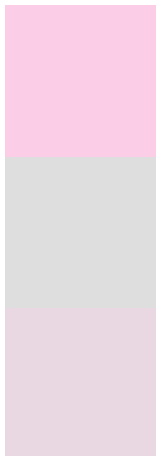
Deuteranomaly

73.3590, 70.0149, 84.5107

Tritanomaly

75.4456, 70.0881, 80.7861

Monochromacy



Original Color

76.4000, 70.1276, 85.1106

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.7507, 71.8716, 81.3251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4000, 70.1276, 85.1106 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(252, 205, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 205, 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(252, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 205, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.4000, 70.1276, 85.1106 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(252, 205, 231) }
```


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

```
.border{ border-color:rgb(252, 205, 231) }
```

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

Here you see how a box with a 4 pixel rgb(252, 205, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 205,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4000, 70.1276, 85.1106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 205, 231) }
```

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

```
.background{ background-color: rgb(252,  
205, 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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