

Converting Colors

XYZ(81.7433, 69.5521, 80.9585)

Have a look what the booklet for
XYZ(81.7433, 69.5521, 80.9585)
contains.

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Color

**XYZ(74.4826, 65.7812,
80.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3E2
RGB	255, 195, 226
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2353, 0.1137
CMYK	0.00, 0.24, 0.11, 0.00
HSL	329°, 100%, 88%
HSV	329°, 24%, 100%
XYZ	74.4826, 65.7812, 80.7229
YIQ	216.4740, 25.8090, 22.3610

Conversions

Conversions Part 2

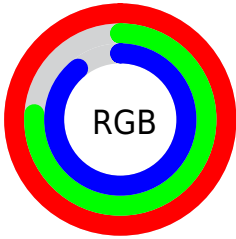
Format	Color
R_{YB}	255, 195, 226
Decimal	16761826
CIE _{Lab}	84.88, 26.13, -7.07
CIE _{LCh}	85, 27.066, 344.850
Yxy	65.7812, 0.3370, 0.2977
Android (android.graphics.Color)	4294951906 (0xFFFFC3E2)
YUV	216.4740, 4.6963, 33.7873
Hunter-Lab	81.1056, 21.9890, -2.2363

Details

The XYZ color **74.4826, 65.7812, 80.7229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7224, 88.5050, 83.8273**, and the grayscale version is **65.5515, 68.9653, 75.1032**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **40.1643, 33.9958, 42.9730** is the 20% darker color. If you saturate the color by 10%, you get **67.6185, 54.6630, 70.3885**, and if you desaturate by 10%, it is **82.4469, 78.9047, 92.0257**.

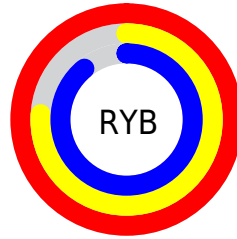
Distribution



Red (100%)

Green (76%)

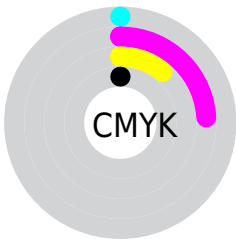
Blue (89%)



Red (100%)

Yellow (76%)

Blue (89%)

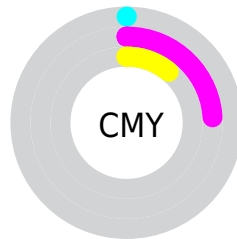


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4826, 65.7812, 80.7229 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 74.4826, 65.7812, 80.7229 by changing the saturation by 10% instead.


 74.4826, 65.7812,
80.7229

 74.4826, 65.7812,
80.7229

465.1619,
445.5940, 517.1366

 55.4818, 48.0948,
59.7837


 124.5715,
113.1722, 136.2022

 40.0230, 33.9020,
42.8202

156.3904,
143.6457, 171.5794

 27.7407, 22.8183,
29.4137


193.2126,
179.1502, 212.6064

 18.2698, 14.4594,
19.1457

235.4035,
220.0704, 259.7016

 11.2447, 8.4409,
11.5978

283.3286,
266.7904, 313.2838

 6.3002, 4.3783,
6.3512


337.3531,


 3.0708, 1.8874,


319.6947, 373.7713


2.9876


397.8424,
379.1678, 441.5827


 1.1913, 0.5408,
1.0883


 0.0995, 0.0000,
0.0000


 74.4826, 65.7812,
80.7229


 74.4826, 65.7812,
80.7229

 67.6185, 54.6630,
70.3885


 82.4469, 78.9047,
92.0257

 61.7980, 45.4419,
60.9884

 91.5554, 94.1183,
104.3211

 56.9661, 38.0115,
52.4924

95.0500, 100.0000,
108.9000

 53.0607, 32.2521,
44.8663

■ 50.0119, 28.0286,
38.0729

■ 47.7395, 25.1849,
32.0710

■ 46.1460, 23.5310,
26.8132

■ 45.3873, 22.9189,
23.7694

Harmonies

Analogous

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



71.1234, 65.7812, 98.0399



74.4826, 65.7812, 80.7229



74.5004, 65.7812, 63.3925

Triad

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



74.4826, 65.7812, 80.7229



59.5784, 65.7812, 43.9231



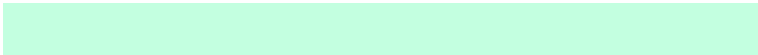
54.6061, 65.7812, 97.8875

Complementary

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



74.4826, 65.7812, 80.7229



71.7224, 88.5050, 83.8273

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.



51.9036, 65.7812, 80.5401



74.4826, 65.7812, 80.7229



54.6456, 65.7812, 50.4391

Square

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



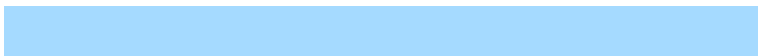
74.4826, 65.7812, 80.7229



65.6241, 65.7812, 43.9558



51.9176, 65.7812, 63.2369



59.5213, 65.7812, 108.9881

Rectangle

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



74.4826, 65.7812, 80.7229



72.6016, 65.7812, 54.1670



51.9176, 65.7812, 63.2369



53.4233, 65.7812, 92.4799

Sweetspot

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



74.4841, 65.7839, 80.7243



88.2594, 88.5920, 99.9367



68.3079, 62.1007, 102.9942



18.7716, 18.7624, 21.2301



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.



74.4841, 65.7839, 80.7243



71.2805, 60.5682, 75.9835



70.7209, 64.2787, 60.9077



18.4012, 18.1438, 20.7300



23.7917, 12.0060, 12.8196



2.3717, 1.1911, 1.5390

Inverse Universe

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



74.4841, 65.7839, 80.7243



71.2805, 60.5682, 75.9835



76.1566, 90.2787, 107.1777



18.4012, 18.1438, 20.7300



23.7917, 12.0060, 12.8196



2.3717, 1.1911, 1.5390

Previews

White Background



This preview shows how the XYZ color 74.4826, 65.7812, 80.7229 looks on a white background.

Color Contrast Check

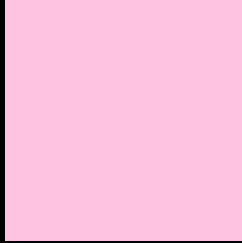
Large Text (above 18pt) WCAG AA × Fail

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 74.4826, 65.7812, 80.7229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

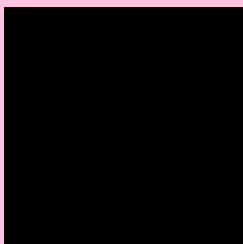
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4826, 65.7812, 80.7229

Background



This preview shows how black text looks on a background with the XYZ color 74.4826, 65.7812, 80.7229.



This preview shows how white text looks on a background with the XYZ color 74.4826, 65.7812,

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

74.4826, 65.7812, 80.7229

Protanopia

64.7291, 66.2000, 88.7232

Deuteranopia

67.5208, 66.0184, 79.7051



Tritanopia

72.4845, 65.6192, 71.7962

Trichromacy



Original Color

74.4826, 65.7812, 80.7229



Protanomaly

67.7608, 65.6576, 85.4457



Deuteranomaly

69.9710, 65.8544, 80.2575



Tritanomaly

73.2679, 65.6126, 75.1325

Monochromacy



Original Color

74.4826, 65.7812, 80.7229



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.1073, 67.1021, 77.0725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4826, 65.7812, 80.7229 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, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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(255, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.4826, 65.7812, 80.7229 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, 195, 226) }
```


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

```
.border{ border-color:rgb(255, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4826, 65.7812, 80.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 226) }
```

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

```
.background{ background-color: rgb(255,  
195, 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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