

Converting Colors

XYZ(80.8494, 68.2141, 83.7964)

Have a look what the booklet for
XYZ(80.8494, 68.2141, 83.7964)
contains.

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Color

**XYZ(74.5929, 65.1131,
83.4995)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E6
RGB	255, 193, 230
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2431, 0.0980
CMYK	0.00, 0.24, 0.10, 0.00
HSL	324°, 100%, 88%
HSV	324°, 24%, 100%
XYZ	74.5929, 65.1131, 83.4995
YIQ	215.7560, 25.0750, 24.6510

Conversions

Conversions Part 2

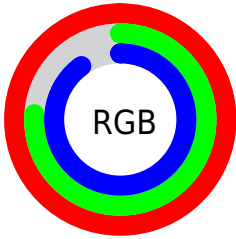
Format	Color
R _Y B	255, 193, 230
Decimal	16761318
CIE Lab	84.54, 27.83, -9.72
CIE LCh	85, 29.477, 340.754
Yxy	65.1131, 0.3342, 0.2917
Android (android.graphics.Color)	4294951398 (0xFFFFC1E6)
YUV	215.7560, 7.0223, 34.4170
Hunter-Lab	80.6927, 23.7945, -4.8675

Details

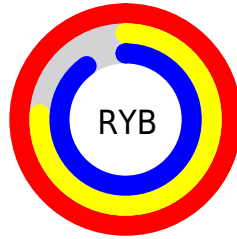
The XYZ color **74.5929, 65.1131, 83.4995** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.4093, 87.9204, 79.5923**, and the grayscale version is **65.0474, 68.4349, 74.5257**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **40.1613, 33.5270, 44.3990** is the 20% darker color. If you saturate the color by 10%, you get **68.0326, 54.2356, 74.3976**, and if you desaturate by 10%, it is **82.2132, 77.9738, 93.3767**.

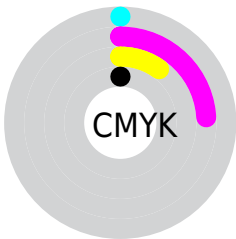
Distribution



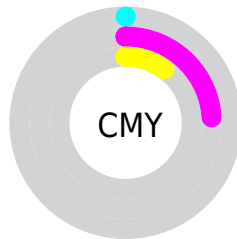
- Red (100%)
- Green (76%)
- Blue (90%)



- Red (100%)
- Yellow (76%)
- Blue (90%)



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5929, 65.1131, 83.4995 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 74.5929, 65.1131, 83.4995 by changing the saturation by 10% instead.


 74.5929, 65.1131,
83.4995

 74.5929, 65.1131,
83.4995

465.5359,
443.1983, 526.6643

 55.5724, 47.5528,
62.0593


 124.7269,
112.2124, 140.1303

 40.0959, 33.4729,
44.6445


156.5712,
142.5203, 176.1580

 27.7979, 22.4889,
30.8366

193.4208,
177.8461, 217.8853

 18.3130, 14.2166,
20.2170

235.6410,
218.5742, 265.7307

 11.2760, 8.2715,
12.3673

283.5973,
265.0891, 320.1127

 6.3214, 4.2691,
6.8688

337.6550,

 3.0840, 1.8252,

317.7752, 381.4500

3.3030

398.1794,
377.0168, 450.1610

■ 1.1983, 0.5028,
1.2513

■ 0.1051, 0.0000,
0.0214

■ 74.5929, 65.1131,
83.4995

■ 74.5929, 65.1131,
83.4995

■ 68.0326, 54.2356,
74.3976

■ 82.2132, 77.9738,
93.3767

■ 62.4765, 45.2328,
66.0427

■ 90.9368, 92.9027,
104.0482

■ 57.8704, 37.9984,
58.4103

95.0500, 100.0000,
108.9000

■ 54.1528, 32.4117,
51.4722

■ 51.2545, 28.3369,
45.1975

■ 49.0953, 25.6165,
39.5516

■ 47.5774, 24.0572,
34.4935

■ 46.9216, 23.5327,
31.8491

Harmonies

Analogous

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



70.5036, 65.1131, 101.9753



74.5929, 65.1131, 83.4995



75.1424, 65.1131, 64.3604

Triad

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



74.5929, 65.1131, 83.4995



59.5614, 65.1131, 40.9704



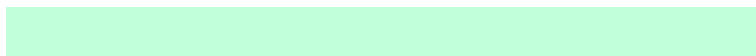
52.8061, 65.1131, 97.2255

Complementary

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



74.5929, 65.1131, 83.4995



70.4093, 87.9204, 79.5923

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.



50.2918, 65.1131, 77.8620



74.5929, 65.1131, 83.4995



54.0046, 65.1131, 46.8772

Square

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



74.5929, 65.1131, 83.4995



66.1448, 65.1131, 41.9396



50.7145, 65.1131, 59.6312



57.8180, 65.1131, 110.8184

Rectangle

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



74.5929, 65.1131, 83.4995



73.3874, 65.1131, 53.9644



50.7145, 65.1131, 59.6312



51.6574, 65.1131, 91.0461

Sweetspot

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



74.5944, 65.1158, 83.5008



88.4802, 88.6803, 101.0996



65.9760, 60.2377, 102.7575



18.8228, 18.7829, 21.4995



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.



74.5944, 65.1158, 83.5008



71.3892, 59.7742, 79.1379



70.6440, 63.5356, 62.6982



18.4644, 18.1691, 21.0629



24.5934, 12.3267, 17.0413



2.4487, 1.2218, 1.9442

Inverse Universe

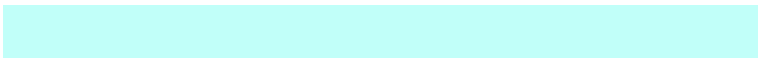
The Inverse Universe completely reimagines the original color for something new.



74.5944, 65.1158, 83.5008



71.3892, 59.7742, 79.1379



74.8216, 89.6854, 102.8270



18.4644, 18.1691, 21.0629



24.5934, 12.3267, 17.0413



2.4487, 1.2218, 1.9442

Previews

White Background



This preview shows how the XYZ color 74.5929, 65.1131, 83.4995 looks on a white background.

Color Contrast Check

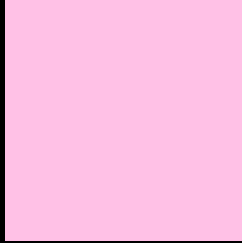
Large Text (above 18pt) WCAG AA × Fail

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 74.5929, 65.1131, 83.4995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

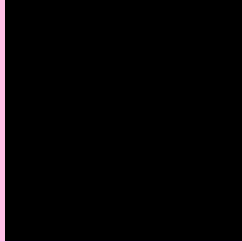
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5929, 65.1131, 83.4995

Background



This preview shows how black text looks on a background with the XYZ color 74.5929, 65.1131, 83.4995.



This preview shows how white text looks on a background with the XYZ color 74.5929, 65.1131,

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

74.5929, 65.1131, 83.4995

Protanopia

64.3774, 65.5659, 92.4815

Deuteranopia

66.5754, 65.1114, 82.4576



Tritanopia

72.0058, 65.0657, 70.3918

Trichromacy



Original Color

74.5929, 65.1131, 83.4995



Protanomaly

67.6194, 65.1474, 89.1316



Deuteranomaly

69.2905, 65.0926, 83.0409



Tritanomaly

73.0430, 65.1630, 75.0576

Monochromacy



Original Color

74.5929, 65.1131, 83.4995



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.2401, 67.1552, 77.7722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5929, 65.1131, 83.4995 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, 193, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.5929, 65.1131, 83.4995 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, 193, 230) }
```


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

```
.border{ border-color:rgb(255, 193, 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, 193, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5929, 65.1131, 83.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 230) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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