

Converting Colors

XYZ(87.4678, 71.7906, 83.4407)

Have a look what the booklet for
XYZ(87.4678, 71.7906, 83.4407)
contains.

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Color

**XYZ(74.4528, 65.0571,
82.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E5
RGB	255, 193, 229
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2431, 0.1020
CMYK	0.00, 0.24, 0.10, 0.00
HSL	325°, 100%, 88%
HSV	325°, 24%, 100%
XYZ	74.4528, 65.0571, 82.7619
YIQ	215.6420, 25.3960, 24.3400

Conversions

Conversions Part 2

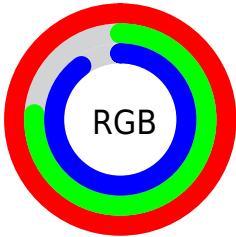
Format	Color
R _Y B	255, 193, 229
Decimal	16761317
CIE Lab	84.51, 27.67, -9.23
CIE LCh	85, 29.163, 341.558
Yxy	65.0571, 0.3350, 0.2927
Android (android.graphics.Color)	4294951397 (0xFFFFC1E5)
YUV	215.6420, 6.5855, 34.5170
Hunter-Lab	80.6580, 23.6162, -4.3760

Details

The XYZ color **74.4528, 65.0571, 82.7619** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.5407, 87.9730, 80.2838**, and the grayscale version is **64.9727, 68.3564, 74.4401**.

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 **67.8467, 54.1613, 73.4188**, and if you desaturate by 10%, it is **82.1258, 77.9389, 92.9162**.

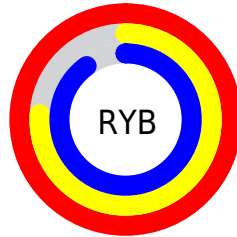
Distribution



Red (100%)

Green (76%)

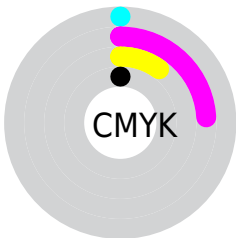
Blue (90%)



Red (100%)

Yellow (76%)

Blue (90%)

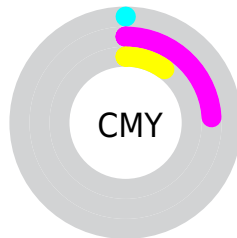


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4528, 65.0571, 82.7619 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 74.4528, 65.0571, 82.7619 by changing the saturation by 10% instead.


 74.4528, 65.0571,
82.7619

 74.4528, 65.0571,
82.7619


465.0609,
442.9971, 524.1429

 55.4573, 47.5074,
61.4543


 124.5295,
112.1319, 139.0882

 40.0033, 33.4369,
44.1590

156.3415,
142.4259, 174.9439

 27.7253, 22.4614,
30.4574

193.1563,
177.7366, 216.4861

 18.2581, 14.1963,
19.9310

235.3394,
218.4487, 264.1333

 11.2363, 8.2573,
12.1613

283.2560,
264.9463, 318.3040

 6.2944, 4.2600,
6.7298


337.2715,


 3.0673, 1.8201,


317.6140, 379.4169


3.2178


397.7514,
376.8362, 447.8903


 1.1894, 0.4996,
1.2069

 0.0980, 0.0000,
0.0000


 74.4528, 65.0571,
82.7619


 74.4528, 65.0571,
82.7619

 67.8467, 54.1613,
73.4188


 82.1258, 77.9389,
92.9162

 62.2515, 45.1429,
64.8576

 90.9090, 92.8916,
103.9014

 57.6126, 37.8953,
57.0526

95.0500, 100.0000,
108.9000

 53.8685, 32.2980,
49.9747

■ 50.9496, 28.2150,
43.5919

■ 48.7757, 25.4887,
37.8684

■ 47.2485, 23.9257,
32.7619

■ 46.5900, 23.4000,
30.1025

Harmonies

Analogous

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



70.4936, 65.0571, 101.1067



74.4528, 65.0571, 82.7619



74.8929, 65.0571, 63.9099

Triad

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



74.4528, 65.0571, 82.7619



59.3666, 65.0571, 41.2590



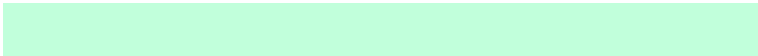
52.9539, 65.0571, 97.3061

Complementary

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



74.4528, 65.0571, 82.7619



70.5407, 87.9730, 80.2838

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.



50.3903, 65.0571, 78.2455



74.4528, 65.0571, 82.7619



53.9158, 65.0571, 47.3048

Square

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



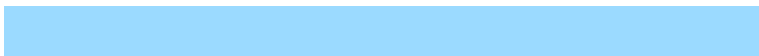
74.4528, 65.0571, 82.7619



65.8697, 65.0571, 42.0390



50.7296, 65.0571, 60.1148



57.9682, 65.0571, 110.4645

Rectangle

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



74.4528, 65.0571, 82.7619



73.0969, 65.0571, 53.7201



50.7296, 65.0571, 60.1148



51.7933, 65.0571, 91.2488

Sweetspot

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



74.4543, 65.0598, 82.7632



88.4356, 88.6625, 100.8647



66.2857, 60.3974, 102.7720



18.8124, 18.7788, 21.4451



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.



74.4543, 65.0598, 82.7632



71.2268, 59.7092, 78.2828



70.5242, 63.4878, 62.0677



18.4517, 18.1640, 20.9956



24.4205, 12.2575, 16.1305



2.4323, 1.2153, 1.8579

Inverse Universe

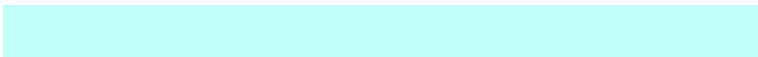
The Inverse Universe completely reimagines the original color for something new.



74.4543, 65.0598, 82.7632



71.2268, 59.7092, 78.2828



74.9831, 89.7500, 103.6774



18.4517, 18.1640, 20.9956



24.4205, 12.2575, 16.1305



2.4323, 1.2153, 1.8579

Previews

White Background



This preview shows how the XYZ color 74.4528, 65.0571, 82.7619 looks on a white background.

Color Contrast Check

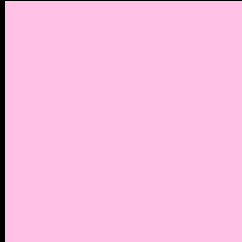
Large Text (above 18pt) WCAG AA × Fail

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 74.4528, 65.0571, 82.7619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

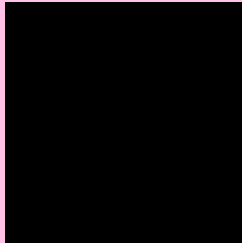
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4528, 65.0571, 82.7619

Background



This preview shows how black text looks on a background with the XYZ color 74.4528, 65.0571, 82.7619.



This preview shows how white text looks on a background with the XYZ color 74.4528, 65.0571,

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

74.4528, 65.0571, 82.7619

Protanopia

64.5069, 65.6499, 91.7099

Deuteranopia

66.7478, 65.2162, 81.7431



Tritanopia

72.0058, 65.0657, 70.3918

Trichromacy



Original Color

74.4528, 65.0571, 82.7619



Protanomaly

67.4737, 65.0892, 88.3641



Deuteranomaly

69.4823, 65.2076, 82.3230



Tritanomaly

73.0430, 65.1630, 75.0576

Monochromacy



Original Color

74.4528, 65.0571, 82.7619



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 74.4528, 65.0571, 82.7619 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.4528, 65.0571, 82.7619 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, 229) }
```


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

```
.border{ border-color:rgb(255, 193, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4528, 65.0571, 82.7619 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
193, 229) }
```

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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