

Converting Colors

XYZ(100.1342, 78.4451,
85.1534)

Have a look what the booklet for
XYZ(100.1342, 78.4451, 85.1534)
contains.

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Color

**XYZ(74.9556, 65.6131,
84.3153)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2E7
RGB	255, 194, 231
RGB Percent	100%, 76%, 91%
CMY	0.0000, 0.2392, 0.0941
CMYK	0.00, 0.24, 0.09, 0.00
HSL	324°, 100%, 88%
HSV	324°, 24%, 100%
XYZ	74.9556, 65.6131, 84.3153
YIQ	216.4570, 24.4790, 24.4390

Conversions

Conversions Part 2

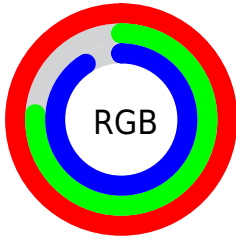
Format	Color
R_{YB}	255, 194, 231
Decimal	16761575
CIE _{Lab}	84.80, 27.47, -9.87
CIE _{LCh}	85, 29.188, 340.240
Yxy	65.6131, 0.3333, 0.2918
Android (android.graphics.Color)	4294951655 (0xFFFFC2E7)
YUV	216.4570, 7.1697, 33.8022
Hunter-Lab	81.0019, 23.4227, -5.0139

Details

The XYZ color **74.9556, 65.6131, 84.3153** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6652, 88.0523, 79.6043**, and the grayscale version is **65.5242, 68.9365, 75.0719**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **40.4046, 33.8571, 44.9630** is the 20% darker color. If you saturate the color by 10%, you get **68.3831, 54.6712, 75.3326**, and if you desaturate by 10%, it is **82.5861, 78.5404, 94.0531**.

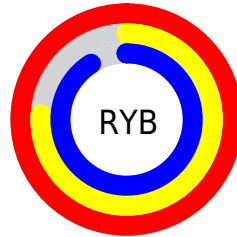
Distribution



Red (100%)

Green (76%)

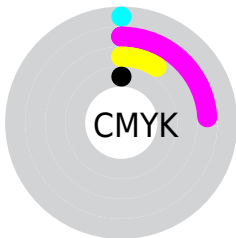
Blue (91%)



Red (100%)

Yellow (76%)

Blue (91%)

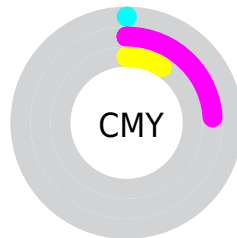


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9556, 65.6131, 84.3153 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 74.9556, 65.6131, 84.3153 by changing the saturation by 10% instead.

 74.9556, 65.6131,
84.3153

 74.9556, 65.6131,
84.3153


466.7645,
444.9919, 529.4451

 55.8706, 47.9584,
62.7289


 125.2378,
112.9308, 141.2818

 40.3357, 33.7939,
45.1823


157.1656,
143.3627, 177.4990

 27.9858, 22.7353,
31.2571


194.1051,
178.8223, 219.4302

 18.4554, 14.3982,
20.5346

236.4215,
219.6942, 267.4939

 11.3791, 8.3981,
12.5963

284.4803,
266.3627, 322.1087

 6.3916, 4.3508,
7.0237

338.6469,

 3.1275, 1.8716,

319.2123, 383.6931

3.3983

399.2865,
378.6272, 452.6658

■ 1.2216, 0.5312,
1.3014

■ 0.1233, 0.0000,
0.0629

■ 74.9556, 65.6131,
84.3153

■ 74.9556, 65.6131,
84.3153

■ 68.3831, 54.6712,
75.3326

■ 82.5861, 78.5404,
94.0531

■ 62.8130, 45.6066,
67.0774

■ 91.3175, 93.5377,
104.5644

■ 58.1914, 38.3132,
59.5257

95.0500, 100.0000,
108.9000

■ 54.4571, 32.6711,
52.6501

■ 51.5415, 28.5452,
46.4206

■ 49.3649, 25.7790,
40.8031

■ 47.8307, 24.1812,
35.7577

■ 47.1285, 23.6154,
32.9384

Harmonies

Analogous

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



70.8400, 65.6131, 102.5923



74.9556, 65.6131, 84.3153



75.5676, 65.6131, 65.2317

Triad

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



74.9556, 65.6131, 84.3153



60.1555, 65.6131, 41.5508



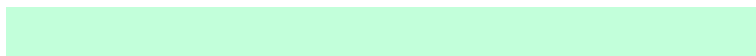
53.2525, 65.6131, 97.3086

Complementary

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



74.9556, 65.6131, 84.3153



70.6652, 88.0523, 79.6043

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.



50.7944, 65.6131, 78.0334



74.9556, 65.6131, 84.3153



54.5913, 65.6131, 47.3362

Square

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



74.9556, 65.6131, 84.3153



66.7098, 65.6131, 42.6375



51.2667, 65.6131, 59.9498



58.2098, 65.6131, 110.9547

Rectangle

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



74.9556, 65.6131, 84.3153



73.8642, 65.6131, 54.8033



51.2667, 65.6131, 59.9498



52.1228, 65.6131, 91.1465

Sweetspot

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



74.9571, 65.6158, 84.3167



88.5073, 88.6911, 101.2423



66.0736, 60.6173, 102.8256



18.8291, 18.7854, 21.5326



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.



74.9571, 65.6158, 84.3167



71.4883, 59.8138, 79.6595



71.0901, 64.0690, 63.9533



18.4722, 18.1722, 21.1038



24.7012, 12.3698, 17.6089



2.4588, 1.2259, 1.9977

Inverse Universe

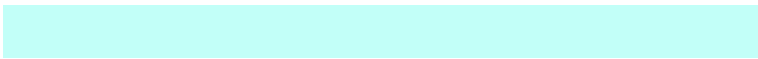
The Inverse Universe completely reimagines the original color for something new.



74.9571, 65.6158, 84.3167



71.4883, 59.8138, 79.6595



74.9349, 89.7602, 102.0886



18.4722, 18.1722, 21.1038



24.7012, 12.3698, 17.6089



2.4588, 1.2259, 1.9977

Previews

White Background



This preview shows how the XYZ color 74.9556, 65.6131, 84.3153 looks on a white background.

Color Contrast Check

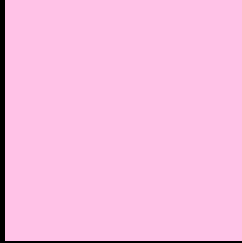
Large Text (above 18pt) WCAG AA × Fail

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 74.9556, 65.6131, 84.3153 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 74.9556, 65.6131, 84.3153

Background



This preview shows how black text looks on a background with the XYZ color 74.9556, 65.6131, 84.3153.



This preview shows how white text looks on a background with the XYZ color 74.9556, 65.6131,

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

74.9556, 65.6131, 84.3153

Protanopia

64.6559, 65.7095, 92.4946

Deuteranopia

67.2655, 65.8073, 83.2855



Tritanopia

72.3579, 65.5686, 71.1297

Trichromacy



Original Color

74.9556, 65.6131, 84.3153



Protanomaly

67.6194, 65.1474, 89.1316



Deuteranomaly

69.9955, 65.7871, 83.8719



Tritanomaly

73.3992, 65.6652, 75.8239

Monochromacy



Original Color

74.9556, 65.6131, 84.3153



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 74.9556, 65.6131, 84.3153 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, 194, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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(255, 194, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.9556, 65.6131, 84.3153 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, 194, 231) }
```


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

```
.border{ border-color:rgb(255, 194, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9556, 65.6131, 84.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 231) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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