

Converting Colors

XYZ(142.3358, 100.0000,
89.1746)

Have a look what the booklet for
XYZ(142.3358, 100.0000, 89.1746)
contains.

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Color

**XYZ(75.0179, 65.2831,
85.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E9
RGB	255, 193, 233
RGB Percent	100%, 76%, 91%
CMY	0.0000, 0.2431, 0.0863
CMYK	0.00, 0.24, 0.09, 0.00
HSL	321°, 100%, 88%
HSV	321°, 24%, 100%
XYZ	75.0179, 65.2831, 85.7378
YIQ	216.0980, 24.1120, 25.5840

Conversions

Conversions Part 2

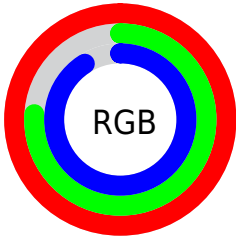
Format	Color
R_{YB}	255, 193, 233
Decimal	16761321
CIE _{Lab}	84.63, 28.33, -11.19
CIE _{LCh}	85, 30.456, 338.450
Yxy	65.2831, 0.3319, 0.2888
Android (android.graphics.Color)	4294951401 (0xFFFFC1E9)
YUV	216.0980, 8.3327, 34.1171
Hunter-Lab	80.7980, 24.3342, -6.3563

Details

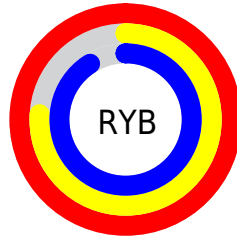
The XYZ color **75.0179, 65.2831, 85.7378** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0202, 87.7648, 77.5430**, and the grayscale version is **65.2719, 68.6711, 74.7829**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **40.4571, 33.6453, 45.9568** is the 20% darker color. If you saturate the color by 10%, you get **68.5997, 54.4624, 77.3839**, and if you desaturate by 10%, it is **82.4773, 78.0794, 94.7676**.

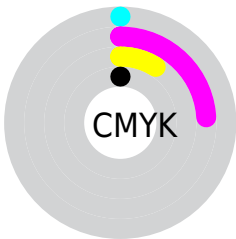
Distribution



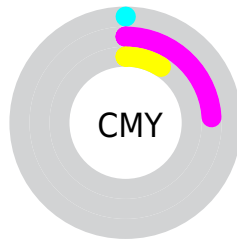
- Red (100%)
- Green (76%)
- Blue (91%)



- 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 75.0179, 65.2831, 85.7378 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 75.0179, 65.2831, 85.7378 by changing the saturation by 10% instead.


 75.0179, 65.2831,
85.7378

 75.0179, 65.2831,
85.7378


466.9753,
443.8086, 534.2744

 55.9218, 47.6907,
63.8975


 125.3255,
112.4568, 143.2868

 40.3770, 33.5820,
46.1220

157.2676,
142.8068, 179.8327

 28.0181, 22.5727,
31.9928


194.2225,
178.1782, 222.1175

 18.4798, 14.2783,
21.0912

236.5555,
218.9552, 270.5597

 11.3968, 8.3145,
12.9988

284.6319,
265.5224, 325.5780

 6.4036, 4.2968,
7.2970

338.8171,

 3.1350, 1.8409,

318.2641, 387.5909

3.5673

399.4765,
377.5647, 457.0168

■ 1.2256, 0.5125,
1.3911

■ 0.1264, 0.0000,
0.1348

■ 75.0179, 65.2831,
85.7378

■ 75.0179, 65.2831,
85.7378

■ 68.5997, 54.4624,
77.3839

■ 82.4773, 78.0794,
94.7676

■ 63.1672, 45.5091,
69.6800

■ 91.0206, 92.9362,
104.4896

■ 58.6668, 38.3169,
62.6040

95.0500, 100.0000,
108.9000

■ 55.0374, 32.7655,
56.1305

■ 52.2104, 28.7193,
50.2315

■ 50.1062, 26.0209,
44.8751

■ 48.6275, 24.4773,
40.0233

■ 47.9872, 23.9589,
37.4604

Harmonies

Analogous

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



70.5374, 65.2831, 104.6134



75.0179, 65.2831, 85.7378



75.8972, 65.2831, 65.7223

Triad

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



75.0179, 65.2831, 85.7378



60.1487, 65.2831, 40.1121



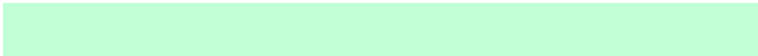
52.3658, 65.2831, 96.9928

Complementary

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



75.0179, 65.2831, 85.7378



70.0202, 87.7648, 77.5430

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.



49.9980, 65.2831, 76.7259



75.0179, 65.2831, 85.7378



54.2716, 65.2831, 45.6115

Square

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



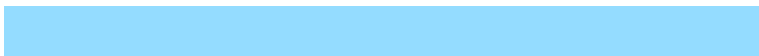
75.0179, 65.2831, 85.7378



66.9756, 65.2831, 41.6405



50.6693, 65.2831, 58.1998



57.3713, 65.2831, 111.8930

Rectangle

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



75.0179, 65.2831, 85.7378



74.2660, 65.2831, 54.6990



50.6693, 65.2831, 58.1998



51.2523, 65.2831, 90.4480

Sweetspot

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



75.0194, 65.2858, 85.7392



88.6144, 88.7340, 101.8064



65.0587, 59.7648, 102.7145



18.8539, 18.7953, 21.6633



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.



75.0194, 65.2858, 85.7392



71.8832, 59.9717, 81.7392



71.0081, 63.6813, 64.6159



18.5029, 18.1845, 21.2656



25.1480, 12.5485, 19.9619



2.5006, 1.2426, 2.2176

Inverse Universe

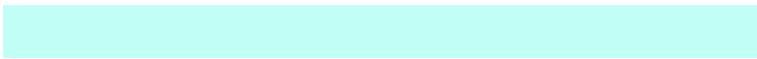
The Inverse Universe completely reimagines the original color for something new.



75.0194, 65.2858, 85.7392



71.8832, 59.9717, 81.7392



74.3425, 89.4937, 100.3040



18.5029, 18.1845, 21.2656



25.1480, 12.5485, 19.9619



2.5006, 1.2426, 2.2176

Previews

White Background



This preview shows how the XYZ color 75.0179, 65.2831, 85.7378 looks on a white background.

Color Contrast Check

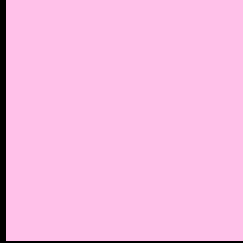
Large Text (above 18pt) WCAG AA × Fail

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 75.0179, 65.2831, 85.7378 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 75.0179, 65.2831, 85.7378

Background



This preview shows how black text looks on a background with the XYZ color 75.0179, 65.2831, 85.7378.



This preview shows how white text looks on a background with the XYZ color 75.0179, 65.2831,

85.7378.

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

75.0179, 65.2831, 85.7378

Protanopia

64.8293, 65.7467, 94.8615

Deuteranopia

66.9265, 65.6001, 84.7360



Tritanopia

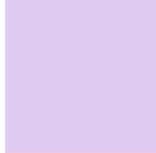
71.9948, 65.3814, 71.1127

Trichromacy



Original Color

75.0179, 65.2831, 85.7378



Protanomaly

68.0615, 65.3243, 91.4597



Deuteranomaly

69.7131, 65.2617, 85.2664



Tritanomaly

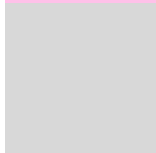
73.1662, 65.5298, 76.5024

Monochromacy



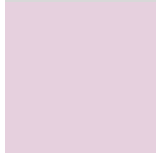
Original Color

75.0179, 65.2831, 85.7378



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.3738, 67.2087, 78.4761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0179, 65.2831, 85.7378 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.0179, 65.2831, 85.7378 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, 233) }
```


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

```
.border{ border-color:rgb(255, 193, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0179, 65.2831, 85.7378 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
193, 233) }
```

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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