

Converting Colors

XYZ(74.5549, 65.3685, 78.7174)

Have a look what the booklet for
XYZ(74.5549, 65.3685, 78.7174)
contains.

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Color

**XYZ(73.8511, 65.1713,
78.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2DF
RGB	255, 194, 223
RGB Percent	100%, 76%, 87%
CMY	0.0000, 0.2392, 0.1255
CMYK	0.00, 0.24, 0.13, 0.00
HSL	331°, 100%, 88%
HSV	331°, 24%, 100%
XYZ	73.8511, 65.1713, 78.4990
YIQ	215.5450, 27.0470, 21.9510

Conversions

Conversions Part 2

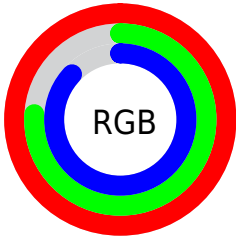
Format	Color
R _Y B	255, 194, 223
Decimal	16761567
CIE Lab	84.57, 26.17, -5.93
CIE LCh	85, 26.831, 347.221
Yxy	65.1713, 0.3395, 0.2996
Android (android.graphics.Color)	4294951647 (0xFFFFC2DF)
YUV	215.5450, 3.6753, 34.6020
Hunter-Lab	80.7287, 22.0175, -1.1423

Details

The XYZ color **73.8511, 65.1713, 78.4990** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7378, 88.4814, 85.2525**, and the grayscale version is **64.9252, 68.3063, 74.3856**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **39.7347, 33.5891, 41.4349** is the 20% darker color. If you saturate the color by 10%, you get **66.9222, 54.0869, 67.6397**, and if you desaturate by 10%, it is **81.8992, 78.2657, 90.4362**.

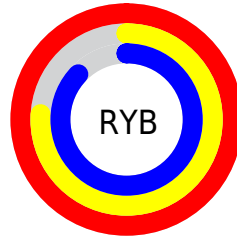
Distribution



Red (100%)

Green (76%)

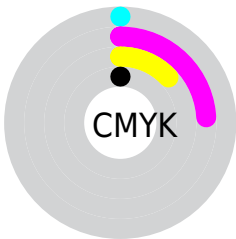
Blue (87%)



Red (100%)

Yellow (76%)

Blue (87%)

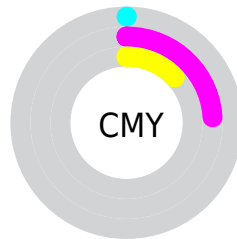


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8511, 65.1713, 78.4990 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 73.8511, 65.1713, 78.4990 by changing the saturation by 10% instead.


 73.8511, 65.1713,
78.4990

 73.8511, 65.1713,
78.4990


463.0176,
443.4073, 509.4326

 54.9630, 47.6000,
57.9651

 123.6813,
112.2961, 133.0456

 39.6058, 33.5102,
41.3661

155.3542,
142.6184, 167.8953

 27.4142, 22.5176,
28.2834


192.0194,
177.9598, 208.3541

 18.0227, 14.2377,
18.2985

234.0423,
218.7047, 254.8405

 11.0661, 8.2862,
10.9928

281.7882,
265.2375, 307.7730

 6.1789, 4.2786,
5.9479

335.6224,

 2.9959, 1.8306,

317.9426, 367.5702

2.7452

395.9105,
377.2044, 434.6505

■ 1.1516, 0.5061,
0.9660

■ 0.0676, 0.0000,
0.0000

■ 73.8511, 65.1713,
78.4990

■ 73.8511, 65.1713,
78.4990

■ 66.9222, 54.0869,
67.6397

■ 81.8992, 78.2657,
90.4362

■ 61.0552, 44.9035,
57.8205

■ 91.1115, 93.4554,
103.4794

■ 56.1939, 37.5142,
49.0069

95.0500, 100.0000,
108.9000

■ 52.2752, 31.7983,
41.1602

■ 49.2282, 27.6199,
34.2389

■ 46.9710, 24.8214,
28.1966

■ 45.4042, 23.2106,
22.9803

■ 44.7048, 22.6459,
20.1754

Harmonies

Analogous

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



70.7748, 65.1713, 95.7665



73.8511, 65.1713, 78.4990



73.5920, 65.1713, 61.6482

Triad

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



73.8511, 65.1713, 78.4990



58.6002, 65.1713, 43.9178



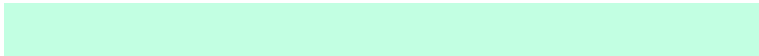
54.4553, 65.1713, 97.9881

Complementary

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



73.8511, 65.1713, 78.4990



71.7378, 88.4814, 85.2525

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.



51.5938, 65.1713, 81.1663



73.8511, 65.1713, 78.4990



53.8789, 65.1713, 50.8568

Square

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



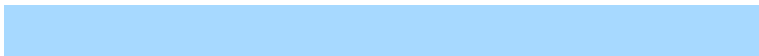
73.8511, 65.1713, 78.4990



64.5225, 65.1713, 43.4396



51.3898, 65.1713, 63.9207



59.4339, 65.1713, 108.1768

Rectangle

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



73.8511, 65.1713, 78.4990



71.5613, 65.1713, 52.8418



51.3898, 65.1713, 63.9207



53.2283, 65.1713, 92.8091

Sweetspot

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



73.8526, 65.1740, 78.5003



88.1463, 88.5467, 99.3412



68.5567, 61.8974, 102.9418



18.7454, 18.7520, 21.0922



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.



73.8526, 65.1740, 78.5003



70.1951, 59.2965, 72.8500



70.4985, 64.1957, 59.7178



18.3689, 18.1309, 20.5599



23.4335, 11.8627, 10.9332



2.3364, 1.1769, 1.3529

Inverse Universe

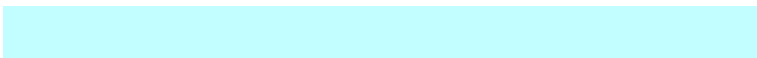
The Inverse Universe completely reimagines the original color for something new.



73.8526, 65.1740, 78.5003



70.1951, 59.2965, 72.8500



75.7362, 89.5632, 107.9035



18.3689, 18.1309, 20.5599



23.4335, 11.8627, 10.9332



2.3364, 1.1769, 1.3529

Previews

White Background



This preview shows how the XYZ color 73.8511, 65.1713, 78.4990 looks on a white background.

Color Contrast Check

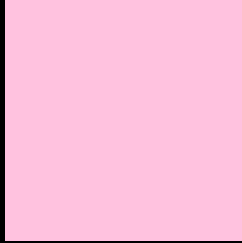
Large Text (above 18pt) WCAG AA × Fail

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 73.8511, 65.1713, 78.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

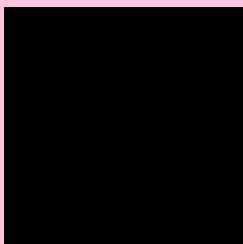
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8511, 65.1713, 78.4990

Background



This preview shows how black text looks on a background with the XYZ color 73.8511, 65.1713, 78.4990.



This preview shows how white text looks on a background with the XYZ color 73.8511, 65.1713,

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

73.8511, 65.1713, 78.4990

Protanopia

64.0491, 65.5317, 86.3639

Deuteranopia

66.8774, 65.3771, 77.5008



Tritanopia

72.3708, 65.2538, 70.4089

Trichromacy



Original Color

73.8511, 65.1713, 78.4990



Protanomaly

67.0998, 65.0116, 83.1407



Deuteranomaly

69.3314, 65.2244, 78.0426



Tritanomaly

72.6539, 65.0073, 73.0084

Monochromacy



Original Color

73.8511, 65.1713, 78.4990



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

67.9752, 67.0492, 76.3769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8511, 65.1713, 78.4990 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.8511, 65.1713, 78.4990 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, 223) }
```


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

```
.border{ border-color:rgb(255, 194, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8511, 65.1713, 78.4990 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
194, 223) }
```

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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