

Converting Colors

XYZ(73.7661, 65.8543, 75.8411)

Have a look what the booklet for
XYZ(73.7661, 65.8543, 75.8411)
contains.

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Color

**XYZ(73.7661, 65.8543,
75.8411)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4DB
RGB	255, 196, 219
RGB Percent	100%, 77%, 86%
CMY	0.0000, 0.2313, 0.1412
CMYK	0.00, 0.23, 0.14, 0.00
HSL	337°, 100%, 88%
HSV	337°, 23%, 100%
XYZ	73.7661, 65.8543, 75.8411
YIQ	216.2630, 27.7810, 19.6610

Conversions

Conversions Part 2

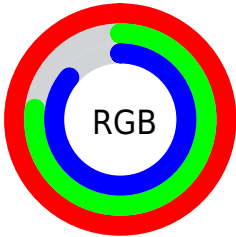
Format	Color
R _Y B	255, 196, 219
Decimal	16762075
CIE Lab	84.92, 24.48, -3.28
CIE LCh	85, 24.701, 352.360
Yxy	65.8543, 0.3424, 0.3056
Android (android.graphics.Color)	4294952155 (0xFFFFC4DB)
YUV	216.2630, 1.3493, 33.9723
Hunter-Lab	81.1507, 20.2432, 1.3947

Details

The XYZ color **73.7661, 65.8543, 75.8411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0927, 89.0830, 89.6898**, and the grayscale version is **65.4287, 68.8361, 74.9625**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **39.6625, 34.0321, 39.6004** is the 20% darker color. If you saturate the color by 10%, you get **66.5419, 54.5324, 63.7945**, and if you desaturate by 10%, it is **82.1624, 79.2134, 89.2249**.

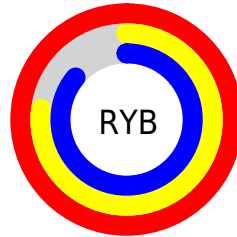
Distribution



Red (100%)

Green (77%)

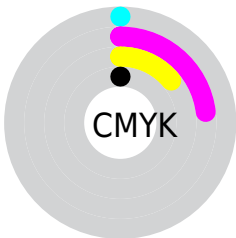
Blue (86%)



Red (100%)

Yellow (77%)

Blue (86%)

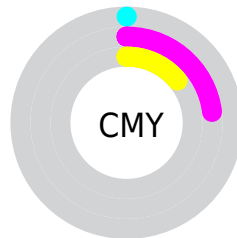


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7661, 65.8543, 75.8411 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 73.7661, 65.8543, 75.8411 by changing the saturation by 10% instead.


 73.7661, 65.8543,
75.8411

 73.7661, 65.8543,
75.8411


462.7285,
445.8556, 500.1359

 54.8932, 48.1541,
55.7963


 123.5615,
113.2772, 129.2603

 39.5497, 33.9490,
39.6368

155.2147,
143.7687, 163.4718

 27.3703, 22.8544,
26.9438


191.8587,
179.2928, 203.2427

 17.9896, 14.4860,
17.2990

233.8589,
220.2338, 248.9914

 11.0421, 8.4595,
10.2837

281.5806,
266.9763, 301.1366

 6.1627, 4.3903,
5.4794


335.3892,


 2.9859, 1.8942,


319.9044, 360.0967


2.4676

395.6501,
379.4028, 426.2903


 1.1463, 0.5449,
0.8229


 0.0633, 0.0000,
0.0000


 73.7661, 65.8543,
75.8411


 73.7661, 65.8543,
75.8411

 66.5419, 54.5324,
63.7945


 82.1624, 79.2134,
89.2249

 60.4306, 45.1383,
53.0370

 91.7771, 94.6950,
103.9836

 55.3744, 37.5653,
43.5235

95.0500, 100.0000,
108.9000

 51.3086, 31.6926,
35.2040

■ 48.1604, 27.3848,
28.0247

■ 45.8468, 24.4853,
21.9266

■ 44.2672, 22.8043,
16.8429

■ 43.5111, 22.1685,
13.8897

Harmonies

Analogous

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



71.4209, 65.8543, 92.0160



73.7661, 65.8543, 75.8411



72.9801, 65.8543, 60.7036

Triad

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



73.7661, 65.8543, 75.8411



58.6233, 65.8543, 47.0091



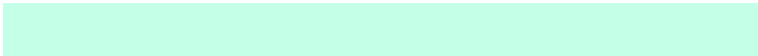
56.3042, 65.8543, 98.7044

Complementary

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



73.7661, 65.8543, 75.8411



73.0927, 89.0830, 89.6898

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.



53.2406, 65.8543, 83.9593



73.7661, 65.8543, 75.8411



54.5234, 65.8543, 54.6256

Square

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



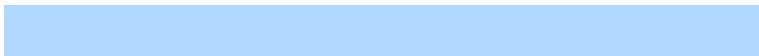
73.7661, 65.8543, 75.8411



64.0209, 65.8543, 45.4975



52.6084, 65.8543, 67.7204



61.1856, 65.8543, 106.4270

Rectangle

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



73.7661, 65.8543, 75.8411



70.8064, 65.8543, 53.0346



52.6084, 65.8543, 67.7204



55.0398, 65.8543, 94.3095

Sweetspot

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



73.7676, 65.8571, 75.8425



87.9131, 88.4535, 98.1135



70.8763, 63.7585, 103.1788



18.6915, 18.7304, 20.8082



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.



73.7676, 65.8571, 75.8425



70.1095, 60.0998, 69.8170



72.3028, 67.4425, 61.4351



18.3025, 18.1043, 20.2101



22.8034, 11.6106, 7.6149



2.2720, 1.1512, 1.0136

Inverse Universe

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



73.7676, 65.8571, 75.8425



70.1095, 60.0998, 69.8170



74.7233, 86.7701, 107.4177



18.3025, 18.1043, 20.2101



22.8034, 11.6106, 7.6149



2.2720, 1.1512, 1.0136

Previews

White Background



This preview shows how the XYZ color 73.7661, 65.8543, 75.8411 looks on a white background.

Color Contrast Check

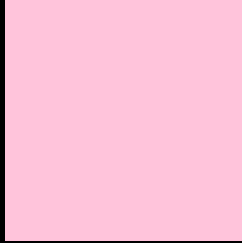
Large Text (above 18pt) WCAG AA × Fail

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 73.7661, 65.8543, 75.8411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

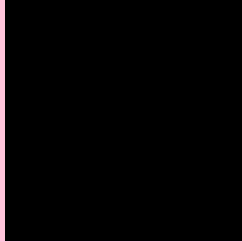
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7661, 65.8543, 75.8411

Background



This preview shows how black text looks on a background with the XYZ color 73.7661, 65.8543, 75.8411.



This preview shows how white text looks on a background with the XYZ color 73.7661, 65.8543,

75.8411.

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

73.7661, 65.8543, 75.8411

Protanopia

64.4492, 66.1870, 82.7773

Deuteranopia

67.5507, 66.1413, 74.8519



Tritanopia

72.7230, 65.7568, 71.1468

Trichromacy



Original Color

73.7661, 65.8543, 75.8411

Protanomaly

67.6568, 66.0728, 80.4216

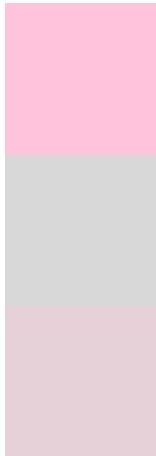
Deuteranomaly

69.7106, 65.8283, 75.3616

Tritanomaly

73.1050, 65.9096, 73.1588

Monochromacy



Original Color

73.7661, 65.8543, 75.8411

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.9580, 67.4337, 75.0799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7661, 65.8543, 75.8411 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, 196, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 219)  
}
```

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, 196, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.7661, 65.8543, 75.8411 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, 196, 219) }
```


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

```
.border{ border-color:rgb(255, 196, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7661, 65.8543, 75.8411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 219) }
```

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

```
.background{ background-color: rgb(255,  
196, 219) }
```

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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