

Converting Colors

XYZ(73.1755, 65.1243, 74.2529)

Have a look what the booklet for
XYZ(73.1755, 65.1243, 74.2529)
contains.

XYZ(73.2795, 65.3000, 74.3875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.2795, 65.3000,
74.3875)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3D9
RGB	255, 195, 217
RGB Percent	100%, 76%, 85%
CMY	0.0000, 0.2353, 0.1490
CMYK	0.00, 0.24, 0.15, 0.00
HSL	338°, 100%, 88%
HSV	338°, 24%, 100%
XYZ	73.2795, 65.3000, 74.3875
YIQ	215.4480, 28.6980, 19.5620

Conversions

Conversions Part 2

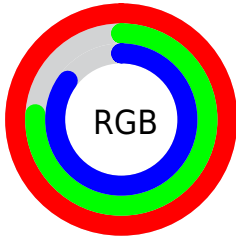
Format	Color
R _Y B	255, 195, 217
Decimal	16761817
CIE Lab	84.64, 24.69, -2.63
CIE LCh	85, 24.833, 353.912
Yxy	65.3000, 0.3441, 0.3066
Android (android.graphics.Color)	4294951897 (0xFFFFC3D9)
YUV	215.4480, 0.7651, 34.6871
Hunter-Lab	80.8084, 20.4544, 1.9870

Details

The XYZ color **73.2795, 65.3000, 74.3875** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9760, 89.0064, 90.4282**, and the grayscale version is **64.8777, 68.2564, 74.3312**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **39.3352, 33.6642, 38.6071** is the 20% darker color. If you saturate the color by 10%, you get **66.0473, 54.0346, 62.1146**, and if you desaturate by 10%, it is **81.6960, 78.6044, 88.0713**.

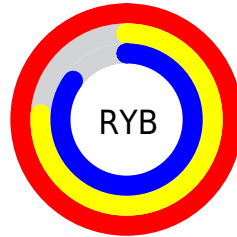
Distribution



Red (100%)

Green (76%)

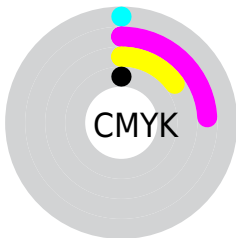
Blue (85%)



Red (100%)

Yellow (76%)

Blue (85%)

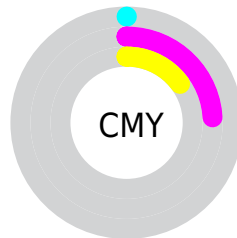


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2795, 65.3000, 74.3875 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 73.2795, 65.3000, 74.3875 by changing the saturation by 10% instead.


 73.2795, 65.3000,
74.3875

 73.2795, 65.3000,
74.3875


461.0717,
443.8693, 495.0088

 54.4937, 47.7044,
54.6125


 122.8749,
112.4811, 127.1841

 39.2288, 33.5928,
38.6951


154.4153,
142.8353, 161.0428

 27.1193, 22.5810,
26.2166


190.9378,
178.2112, 200.4331

 17.7999, 14.2844,
16.7585

232.8080,
218.9931, 245.7737

 10.9052, 8.3187,
9.9024

280.3911,
265.5655, 297.4830

 6.0700, 4.2996,
5.2295

334.0526,

 2.9287, 1.8425,

318.3127, 355.9796

2.3215

394.1576,
377.6192, 421.6820

■ 1.1162, 0.5135,
0.7432

■ 0.0386, 0.0000,
0.0000

■ 73.2795, 65.3000,
74.3875

■ 73.2795, 65.3000,
74.3875

■ 66.0473, 54.0346,
62.1146

■ 81.6960, 78.6044,
88.0713

■ 59.9394, 44.6985,
51.2010

■ 91.3439, 94.0338,
103.2069

■ 54.8972, 37.1840,
41.5978

95.0500, 100.0000,
108.9000

■ 50.8549, 31.3698,
33.2510

■ 47.7388, 27.1193,
26.1026

■ 45.4641, 24.2747,
20.0886

■ 43.9287, 22.6441,
15.1370

■ 43.2375, 22.0590,
12.4487

Harmonies

Analogous

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



71.0841, 65.3000, 90.6402



73.2795, 65.3000, 74.3875



72.3288, 65.3000, 59.4309

Triad

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



73.2795, 65.3000, 74.3875



57.8447, 65.3000, 46.6857



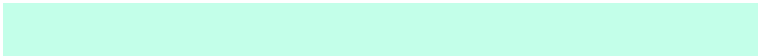
55.9965, 65.3000, 98.7330

Complementary

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



73.2795, 65.3000, 74.3875



72.9760, 89.0064, 90.4282

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.



52.8225, 65.3000, 84.2059



73.2795, 65.3000, 74.3875



53.8442, 65.3000, 54.5926

Square

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



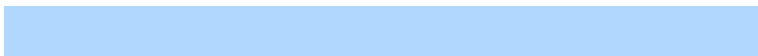
73.2795, 65.3000, 74.3875



63.2030, 65.3000, 44.8606



52.0586, 65.3000, 67.9120



60.9421, 65.3000, 105.9801

Rectangle

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



73.2795, 65.3000, 74.3875



70.0656, 65.3000, 51.9605



52.0586, 65.3000, 67.9120



54.6991, 65.3000, 94.4438

Sweetspot

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



73.2810, 65.3028, 74.3888



87.8504, 88.4284, 97.7829



71.1715, 63.5770, 103.1282



18.6770, 18.7246, 20.7317



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.



73.2810, 65.3028, 74.3888



69.9026, 60.0170, 68.7273



72.4482, 67.9148, 60.9239



18.2846, 18.0972, 20.1161



22.6580, 11.5525, 6.8493



2.2565, 1.1450, 0.9324

Inverse Universe

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



73.2810, 65.3028, 74.3888



69.9026, 60.0170, 68.7273



73.8183, 85.3450, 107.1903



18.2846, 18.0972, 20.1161



22.6580, 11.5525, 6.8493



2.2565, 1.1450, 0.9324

Previews

White Background



This preview shows how the XYZ color 73.2795, 65.3000, 74.3875 looks on a white background.

Color Contrast Check

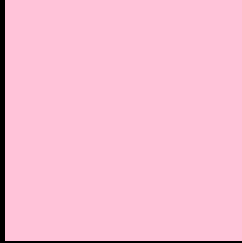
Large Text (above 18pt) WCAG AA × Fail

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 73.2795, 65.3000, 74.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

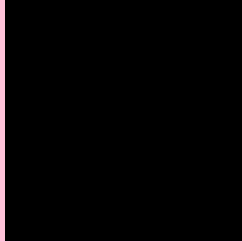
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2795, 65.3000, 74.3875

Background



This preview shows how black text looks on a background with the XYZ color 73.2795, 65.3000, 74.3875.



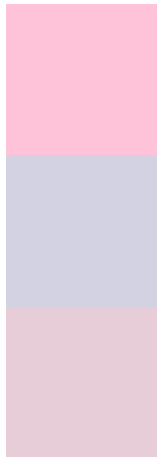
This preview shows how white text looks on a background with the XYZ color 73.2795, 65.3000,

74.3875.

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

73.2795, 65.3000, 74.3875

Protanopia

63.6380, 65.4331, 81.2273

Deuteranopia

66.7302, 65.3919, 73.3948



Tritanopia

72.3708, 65.2538, 70.4089

Trichromacy



Original Color

73.2795, 65.3000, 74.3875

Protanomaly

66.8292, 65.3212, 78.8980

Deuteranomaly

68.8779, 65.0819, 73.8975

Tritanomaly

72.6232, 65.3548, 71.7379

Monochromacy



Original Color

73.2795, 65.3000, 74.3875

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

67.5837, 66.8926, 74.3153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2795, 65.3000, 74.3875 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, 195, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 217)  
}
```

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, 195, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 217) }
```

Border

The CSS property to change the border of an element to XYZ 73.2795, 65.3000, 74.3875 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, 195, 217) }
```


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

```
.border{ border-color:rgb(255, 195, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2795, 65.3000, 74.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 217) }
```

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

```
.background{ background-color: rgb(255,  
195, 217) }
```

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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