

Converting Colors

XYZ(81.1656, 69.4919, 73.7966)

Have a look what the booklet for
XYZ(81.1656, 69.4919, 73.7966)
contains.

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Color

**XYZ(73.1498, 65.2481,
73.7045)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3D8
RGB	255, 195, 216
RGB Percent	100%, 76%, 85%
CMY	0.0000, 0.2353, 0.1529
CMYK	0.00, 0.24, 0.15, 0.00
HSL	339°, 100%, 88%
HSV	339°, 24%, 100%
XYZ	73.1498, 65.2481, 73.7045
YIQ	215.3340, 29.0190, 19.2510

Conversions

Conversions Part 2

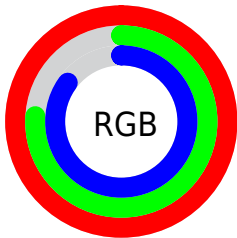
Format	Color
R _Y B	255, 195, 216
Decimal	16761816
CIE Lab	84.61, 24.54, -2.14
CIE LCh	85, 24.630, 355.018
Yxy	65.2481, 0.3449, 0.3076
Android (android.graphics.Color)	4294951896 (0xFFFFC3D8)
YUV	215.3340, 0.3283, 34.7871
Hunter-Lab	80.7763, 20.2884, 2.4441

Details

The XYZ color **73.1498, 65.2481, 73.7045** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1192, 89.0637, 91.1827**, and the grayscale version is **64.8031, 68.1779, 74.2457**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **39.2466, 33.6287, 38.1407** is the 20% darker color. If you saturate the color by 10%, you get **65.8806, 53.9679, 61.2366**, and if you desaturate by 10%, it is **81.6139, 78.5716, 87.6390**.

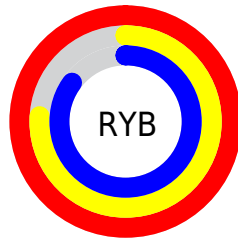
Distribution



Red (100%)

Green (76%)

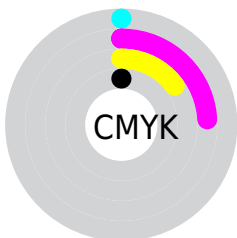
Blue (85%)



Red (100%)

Yellow (76%)

Blue (85%)

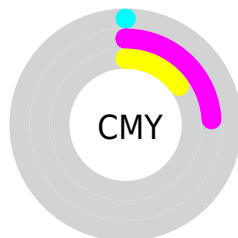


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1498, 65.2481, 73.7045 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 73.1498, 65.2481, 73.7045 by changing the saturation by 10% instead.


 73.1498, 65.2481,
73.7045

 73.1498, 65.2481,
73.7045


460.6296,
443.6830, 492.5890

 54.3873, 47.6623,
54.0569


 122.6918,
112.4065, 126.2070

 39.1433, 33.5595,
38.2537


154.2021,
142.7478, 159.8990

 27.0524, 22.5554,
25.8763


190.6922,
178.1098, 199.1095

 17.7494, 14.2656,
16.5062

232.5277,
218.8768, 244.2571

 10.8688, 8.3056,
9.7248

280.0738,
265.4332, 295.7603

 6.0453, 4.2911,
5.1137

333.6959,

 2.9136, 1.8377,

318.1635, 354.0376

2.2542

393.7594,
377.4519, 419.5077

■ 1.1082, 0.5105,
0.7054

■ 0.0320, 0.0000,
0.0000

■ 73.1498, 65.2481,
73.7045

■ 73.1498, 65.2481,
73.7045

■ 65.8806, 53.9679,
61.2366

■ 81.6139, 78.5716,
87.6390

■ 59.7457, 44.6210,
50.1812

■ 91.3205, 94.0244,
103.0836

■ 54.6862, 37.0996,
40.4865

95.0500, 100.0000,
108.9000

■ 50.6355, 31.2820,
32.0956

■ 47.5194, 27.0315,
24.9471

■ 45.2523, 24.1900,
18.9737

■ 43.7316, 22.5652,
14.0992

■ 43.0532, 21.9853,
11.4783

Harmonies

Analogous

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



71.0830, 65.2481, 89.8442



73.1498, 65.2481, 73.7045



72.0927, 65.2481, 58.9993

Triad

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



73.1498, 65.2481, 73.7045



57.6542, 65.2481, 46.9987



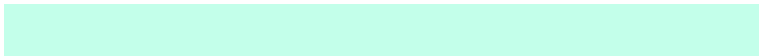
56.1535, 65.2481, 98.8349

Complementary

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



73.1498, 65.2481, 73.7045



73.1192, 89.0637, 91.1827

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.



52.9256, 65.2481, 84.6259



73.1498, 65.2481, 73.7045



53.7555, 65.2481, 55.0685

Square

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



73.1498, 65.2481, 73.7045



62.9385, 65.2481, 44.9599



52.0741, 65.2481, 68.4485



61.1033, 65.2481, 105.6569

Rectangle

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



73.1498, 65.2481, 73.7045



69.7895, 65.2481, 51.7168



52.0741, 65.2481, 68.4485



54.8429, 65.2481, 94.6709

Sweetspot

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



73.1513, 65.2509, 73.7058



87.8053, 88.4103, 97.5455



71.4989, 63.7457, 103.1435



18.6666, 18.7204, 20.6768



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.



73.1513, 65.2509, 73.7058



69.7550, 59.9580, 67.9503



72.6851, 68.3886, 61.0028



18.2718, 18.0920, 20.0487



22.5598, 11.5132, 6.3323



2.2460, 1.1408, 0.8766

Inverse Universe

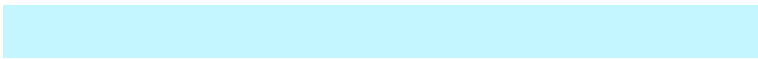
The Inverse Universe completely reimagines the original color for something new.



73.1513, 65.2509, 73.7058



69.7550, 59.9580, 67.9503



73.5133, 84.7350, 107.0887



18.2718, 18.0920, 20.0487



22.5598, 11.5132, 6.3323



2.2460, 1.1408, 0.8766

Previews

White Background



This preview shows how the XYZ color 73.1498, 65.2481, 73.7045 looks on a white background.

Color Contrast Check

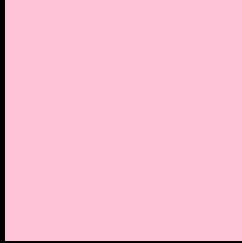
Large Text (above 18pt) WCAG AA × Fail

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 73.1498, 65.2481, 73.7045 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 73.1498, 65.2481, 73.7045

Background



This preview shows how black text looks on a background with the XYZ color 73.1498, 65.2481, 73.7045.



This preview shows how white text looks on a background with the XYZ color 73.1498, 65.2481,

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

73.1498, 65.2481, 73.7045

Protanopia

63.5012, 65.3783, 80.5066

Deuteranopia

66.9239, 65.5066, 72.7351



Tritanopia

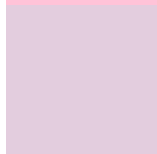
72.3708, 65.2538, 70.4089

Trichromacy



Original Color

73.1498, 65.2481, 73.7045



Protanomaly

66.6947, 65.2675, 78.1899



Deuteranomaly

69.0876, 65.2049, 73.2345



Tritanomaly

72.6232, 65.3548, 71.7379

Monochromacy



Original Color

73.1498, 65.2481, 73.7045



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.4547, 66.8410, 73.6363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1498, 65.2481, 73.7045 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.1498, 65.2481, 73.7045 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, 216) }
```


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

```
.border{ border-color:rgb(255, 195, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1498, 65.2481, 73.7045 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
195, 216) }
```

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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