

Converting Colors

XYZ(74.1919, 65.2484, 69.8168)

Have a look what the booklet for
XYZ(74.1919, 65.2484, 69.8168)
contains.

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Color

**XYZ(71.9428, 64.0531,
69.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1D2
RGB	255, 193, 210
RGB Percent	100%, 76%, 82%
CMY	0.0000, 0.2431, 0.1765
CMYK	0.00, 0.24, 0.18, 0.00
HSL	344°, 100%, 88%
HSV	344°, 24%, 100%
XYZ	71.9428, 64.0531, 69.5444
YIQ	213.4760, 31.4950, 18.4310

Conversions

Conversions Part 2

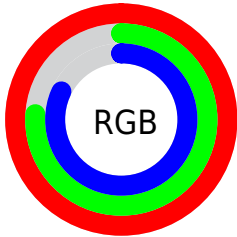
Format	Color
R_{YB}	255, 193, 210
Decimal	16761298
CIE _{Lab}	83.99, 24.67, 0.16
CIE _{LCh}	84, 24.667, 0.380
Yxy	64.0531, 0.3500, 0.3116
Android (android.graphics.Color)	4294951378 (0xFFFFC1D2)
YUV	213.4760, -1.7137, 36.4165
Hunter-Lab	80.0332, 20.3978, 4.5035

Details

The XYZ color **71.9428, 64.0531, 69.5444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1873, 89.0316, 94.2203**, and the grayscale version is **63.5623, 66.8725, 72.8242**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **38.2593, 32.7359, 35.7547** is the 20% darker color. If you saturate the color by 10%, you get **64.6098, 52.8666, 56.3734**, and if you desaturate by 10%, it is **80.5175, 77.2956, 84.4468**.

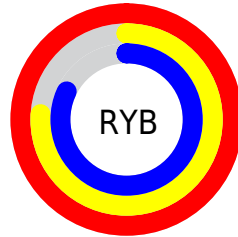
Distribution



Red (100%)

Green (76%)

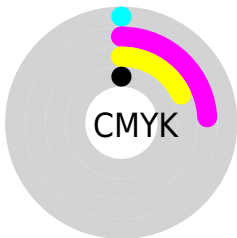
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

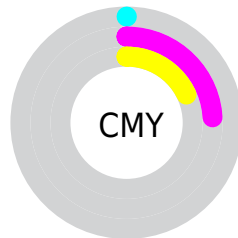


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9428, 64.0531, 69.5444 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 71.9428, 64.0531, 69.5444 by changing the saturation by 10% instead.


 71.9428, 64.0531,
69.5444

 71.9428, 64.0531,
69.5444


456.5032,
439.3814, 477.6945

 53.3972, 46.6937,
50.6807


 120.9864,
110.6874, 120.2338

 38.3487, 32.7936,
35.5796


152.2152,
140.7311, 152.8966

 26.4319, 21.9684,
23.8226


188.4025,
175.7716, 190.9962

 17.2814, 13.8336,
14.9911

229.9136,
216.1935, 234.9511

 10.5319, 8.0051,
8.6666

277.1139,
262.3810, 285.1798

 5.8180, 4.0982,
4.4305

330.3686,

 2.7743, 1.7286,

314.7185, 342.1009

1.8644

390.0433,
373.5905, 406.1330

■ 1.0356, 0.4421,
0.4699

■ 0.0000, 0.0000,
0.0000

■ 71.9428, 64.0531,
69.5444

■ 71.9428, 64.0531,
69.5444

■ 64.6098, 52.8666,
56.3734

■ 80.5175, 77.2956,
84.4468

■ 58.4551, 43.6243,
44.8656

■ 90.3842, 92.6818,
101.1376

■ 53.4161, 36.2167,
34.9540

95.0500, 100.0000,
108.9000

■ 49.4230, 30.5198,
26.5650

■ 46.3971, 26.3940,
19.6191

■ 44.2485, 23.6778,
14.0286

■ 42.8680, 22.1735,
9.6945

■ 42.3425, 21.7010,
7.7358

Harmonies

Analogous

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



70.4271, 64.0531, 85.6096



71.9428, 64.0531, 69.5444



70.3506, 64.0531, 55.6722

Triad

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



71.9428, 64.0531, 69.5444



55.7457, 64.0531, 46.9739



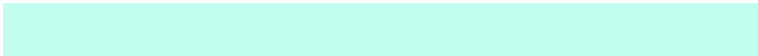
55.8591, 64.0531, 99.1384

Complementary

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



71.9428, 64.0531, 69.5444



73.1873, 89.0316, 94.2203

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.



52.3009, 64.0531, 86.0048



71.9428, 64.0531, 69.5444



52.2382, 64.0531, 55.9689

Square

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



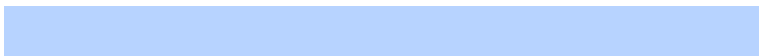
71.9428, 64.0531, 69.5444



60.8112, 64.0531, 43.8862



51.0147, 64.0531, 69.9419



60.9500, 64.0531, 104.1658

Rectangle

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



71.9428, 64.0531, 69.5444



67.7924, 64.0531, 49.1313



51.0147, 64.0531, 69.9419



54.4552, 64.0531, 95.4375

Sweetspot

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



71.9444, 64.0559, 69.5457



87.6012, 88.3287, 96.4706



72.1919, 63.4422, 103.0484



18.6194, 18.7015, 20.4283



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.



71.9444, 64.0559, 69.5457



68.3547, 58.5603, 63.1581



73.0433, 69.4645, 60.0139



18.2139, 18.0689, 19.7437



22.1783, 11.3606, 4.3236



2.2031, 1.1236, 0.6508

Inverse Universe

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



71.9444, 64.0559, 69.5457



68.3547, 58.5603, 63.1581



71.6676, 81.8057, 106.6205



18.2139, 18.0689, 19.7437



22.1783, 11.3606, 4.3236



2.2031, 1.1236, 0.6508

Previews

White Background



This preview shows how the XYZ color 71.9428, 64.0531, 69.5444 looks on a white background.

Color Contrast Check

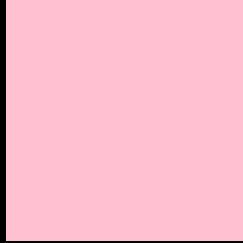
Large Text (above 18pt) WCAG AA × Fail

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 71.9428, 64.0531, 69.5444 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 71.9428, 64.0531, 69.5444

Background



This preview shows how black text looks on a background with the XYZ color 71.9428, 64.0531, 69.5444.

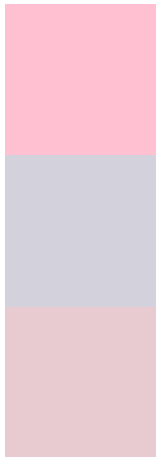


This preview shows how white text looks on a background with the XYZ color 71.9428, 64.0531,

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

71.9428, 64.0531, 69.5444

Protanopia

62.4506, 64.5643, 76.1885

Deuteranopia

65.6961, 64.2549, 68.6144



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

71.9428, 64.0531, 69.5444

Protanomaly

65.4292, 64.0006, 73.8706

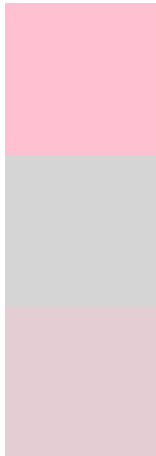
Deuteranomaly

67.8672, 63.9756, 69.0931

Tritanomaly

71.8186, 64.0034, 68.8902

Monochromacy



Original Color

71.9428, 64.0531, 69.5444

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.9499, 65.3901, 71.4330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9428, 64.0531, 69.5444 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 210) }
```

Border

The CSS property to change the border of an element to XYZ 71.9428, 64.0531, 69.5444 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, 210) }
```


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

```
.border{ border-color:rgb(255, 193, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9428, 64.0531, 69.5444 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
193, 210) }
```

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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