

Converting Colors

XYZ(75.1458, 64.6702, 70.1264)

Have a look what the booklet for
XYZ(75.1458, 64.6702, 70.1264)
contains.

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Color

**XYZ(71.4113, 62.7901,
69.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBED3
RGB	255, 190, 211
RGB Percent	100%, 75%, 83%
CMY	0.0000, 0.2549, 0.1725
CMYK	0.00, 0.25, 0.17, 0.00
HSL	341°, 100%, 87%
HSV	341°, 25%, 100%
XYZ	71.4113, 62.7901, 69.9839
YIQ	211.8290, 31.9990, 20.3110

Conversions

Conversions Part 2

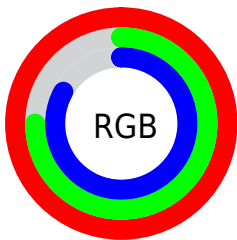
Format	Color
R _Y B	255, 190, 211
Decimal	16760531
CIE Lab	83.33, 26.39, -1.34
CIE LCh	83, 26.427, 357.096
Yxy	62.7901, 0.3497, 0.3075
Android (android.graphics.Color)	4294950611 (0xFFFFBED3)
YUV	211.8290, -0.4087, 37.8610
Hunter-Lab	79.2402, 22.1939, 3.1040

Details

The XYZ color **71.4113, 62.7901, 69.9839** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8488, 88.4088, 91.1235**, and the grayscale version is **62.4549, 65.7074, 71.5554**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **37.9159, 31.9130, 36.0597** is the 20% darker color. If you saturate the color by 10%, you get **64.3145, 51.8758, 57.5084**, and if you desaturate by 10%, it is **79.7098, 75.7353, 84.0083**.

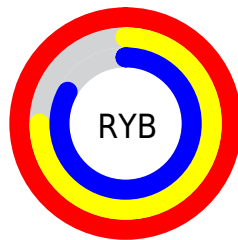
Distribution



Red (100%)

Green (75%)

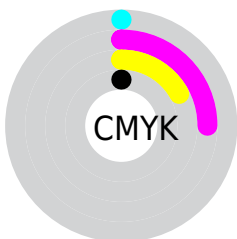
Blue (83%)



Red (100%)

Yellow (75%)

Blue (83%)

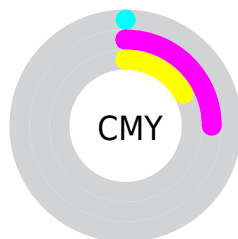


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4113, 62.7901, 69.9839 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 71.4113, 62.7901, 69.9839 by changing the saturation by 10% instead.


 71.4113, 62.7901,
69.9839

 71.4113, 62.7901,
69.9839


454.6794,
434.8073, 479.2811

 52.9617, 45.6714,
51.0367

 120.2345,
108.8666, 120.8667

 37.9995, 31.9866,
35.8609

151.3388,
138.5933, 153.6394

 26.1595, 21.3513,
24.0379

187.3920,
173.2914, 191.8576

 17.0763, 13.3810,
15.1493

228.7595,
213.3453, 235.9399

 10.3846, 7.6914,
8.7764

275.8067,
259.1395, 286.3049

 5.7189, 3.8981,
4.5008

328.8988,

 2.7139, 1.6168,

311.0583, 343.3710

1.9039

388.4013,
369.4861, 407.5569

■ 1.0044, 0.3689,
0.4952

■ 0.0000, 0.0000,
0.0000

■ 71.4113, 62.7901,
69.9839

■ 71.4113, 62.7901,
69.9839

■ 64.3145, 51.8758,
57.5084

■ 79.7098, 75.7353,
84.0083

■ 58.3572, 42.8805,
46.5225

■ 89.2591, 90.7991,
99.6299

■ 53.4783, 35.6942,
36.9689

95.0500, 100.0000,
108.9000

■ 49.6090, 30.1920,
28.7846

■ 46.6720, 26.2333,
21.9012

■ 44.5780, 23.6540,
16.2435

■ 43.2179, 22.2521,
11.7263

■ 42.7772, 21.8749,
10.0249

Harmonies

Analogous

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



69.4475, 62.7901, 87.0424



71.4113, 62.7901, 69.9839



70.0688, 62.7901, 54.9416

Triad

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



71.4113, 62.7901, 69.9839



54.7868, 62.7901, 43.8854



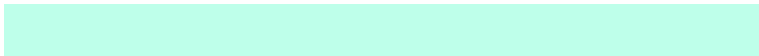
53.8758, 62.7901, 98.5311

Complementary

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



71.4113, 62.7901, 69.9839



71.8488, 88.4088, 91.1235

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.



50.3726, 62.7901, 83.8203



71.4113, 62.7901, 69.9839



50.8744, 62.7901, 52.5756

Square

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



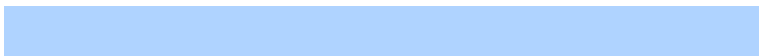
71.4113, 62.7901, 69.9839



60.2418, 62.7901, 41.3800



49.3096, 62.7901, 66.7767



59.1219, 62.7901, 105.0980

Rectangle

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



71.4113, 62.7901, 69.9839



67.5239, 62.7901, 47.7065



49.3096, 62.7901, 66.7767



52.4685, 62.7901, 94.2698

Sweetspot

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



71.4128, 62.7929, 69.9852



86.7395, 86.8101, 95.5522



70.1787, 61.4298, 102.7661



18.2512, 18.0838, 19.9400



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.



71.4128, 62.7929, 69.9852



67.3554, 56.5310, 62.9198



71.3840, 66.6761, 57.8262



18.2512, 18.0838, 19.9400



22.4122, 11.4542, 5.5554



2.2297, 1.1343, 0.7913

Inverse Universe

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



71.4128, 62.7929, 69.9852



67.3554, 56.5310, 62.9198



71.6880, 82.9703, 106.8443



18.2512, 18.0838, 19.9400



22.4122, 11.4542, 5.5554



2.2297, 1.1343, 0.7913

Previews

White Background



This preview shows how the XYZ color 71.4113, 62.7901, 69.9839 looks on a white background.

Color Contrast Check

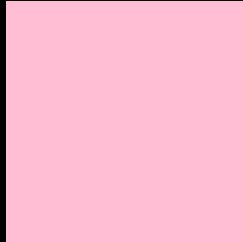
Large Text (above 18pt) WCAG AA × Fail

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 71.4113, 62.7901, 69.9839 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 71.4113, 62.7901, 69.9839

Background



This preview shows how black text looks on a background with the XYZ color 71.4113, 62.7901, 69.9839.



This preview shows how white text looks on a background with the XYZ color 71.4113, 62.7901,

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

71.4113, 62.7901, 69.9839

Protanopia

61.3764, 63.2560, 77.3814

Deuteranopia

64.0738, 62.7076, 69.0483



Tritanopia

70.6444, 62.7887, 66.7886

Trichromacy



Original Color

71.4113, 62.7901, 69.9839

Protanomaly

64.4624, 62.7906, 74.3679

Deuteranomaly

66.5242, 62.5902, 69.5477

Tritanomaly

70.8890, 62.8865, 68.0766

Monochromacy



Original Color

71.4113, 62.7901, 69.9839

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.4714, 64.4332, 71.2735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4113, 62.7901, 69.9839 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, 190, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 211)  
}
```

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, 190, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 211) }
```

Border

The CSS property to change the border of an element to XYZ 71.4113, 62.7901, 69.9839 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, 190, 211) }
```


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

```
.border{ border-color:rgb(255, 190, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4113, 62.7901, 69.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 211) }
```

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

```
.background{ background-color: rgb(255,  
190, 211) }
```

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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