

Converting Colors

XYZ(144.7150, 100.0000,
73.0791)

Have a look what the booklet for
XYZ(144.7150, 100.0000, 73.0791)
contains.

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Color

**XYZ(70.9811, 61.9296,
69.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCD3
RGB	255, 188, 211
RGB Percent	100%, 74%, 83%
CMY	0.0000, 0.2627, 0.1725
CMYK	0.00, 0.26, 0.17, 0.00
HSL	339°, 100%, 87%
HSV	339°, 26%, 100%
XYZ	70.9811, 61.9296, 69.8405
YIQ	210.6550, 32.5490, 21.3570

Conversions

Conversions Part 2

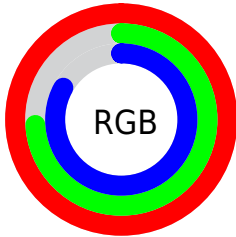
Format	Color
R _Y B	255, 188, 211
Decimal	16760019
CIE Lab	82.88, 27.44, -2.01
CIE LCh	83, 27.517, 355.817
Yxy	61.9296, 0.3501, 0.3054
Android (android.graphics.Color)	4294950099 (0xFFFFBCD3)
YUV	210.6550, 0.1701, 38.8906
Hunter-Lab	78.6954, 23.2853, 2.4681

Details

The XYZ color **70.9811, 61.9296, 69.8405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0668, 88.0386, 89.5952**, and the grayscale version is **61.6745, 64.8864, 70.6613**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **37.6369, 31.3548, 35.9667** is the 20% darker color. If you saturate the color by 10%, you get **64.0158, 51.1858, 57.6944**, and if you desaturate by 10%, it is **79.1305, 74.6910, 83.4621**.

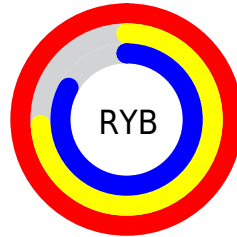
Distribution



Red (100%)

Green (74%)

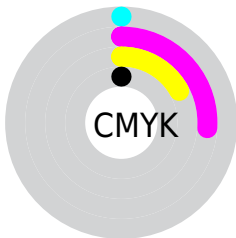
Blue (83%)



Red (100%)

Yellow (74%)

Blue (83%)

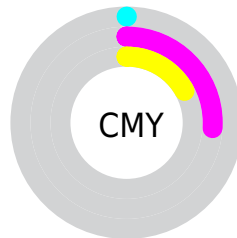


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9811, 61.9296, 69.8405 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 70.9811, 61.9296, 69.8405 by changing the saturation by 10% instead.


 70.9811, 61.9296,
69.8405

 70.9811, 61.9296,
69.8405


453.2002,
431.6742, 478.7638

 52.6093, 44.9758,
50.9205


 119.6255,
107.6238, 120.6603

 37.7172, 31.4384,
35.7691


150.6287,
137.1330, 153.3971

 25.9395, 20.9329,
23.9676


186.5731,
171.5961, 191.5766

 16.9108, 13.0750,
15.0976

227.8241,
211.3975, 235.6174

 10.2658, 7.4802,
8.7405

274.7469,
256.9216, 285.9380

 5.6392, 3.7642,
4.4778

327.7070,

 2.6655, 1.5425,

308.5529, 342.9569

1.8910

387.0696,
366.6756, 407.0926

0.9794, 0.3184,
0.4870

0.0000, 0.0000,
0.0000

70.9811, 61.9296,
69.8405

70.9811, 61.9296,
69.8405

64.0158, 51.1858,
57.6944

79.1305, 74.6910,
83.4621

58.1729, 42.3476,
46.9680

88.5129, 89.5584,
98.6047

53.3916, 35.3044,
37.6074

95.0500, 100.0000,
108.9000

49.6032, 29.9305,
29.5531

■ 46.7305, 26.0842,
22.7410

■ 44.6839, 23.5995,
17.1000

■ 43.3532, 22.2704,
12.5492

■ 42.9819, 21.9568,
11.1027

Harmonies

Analogous

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



68.8067, 61.9296, 87.4900



70.9811, 61.9296, 69.8405



69.7336, 61.9296, 54.1867

Triad

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



70.9811, 61.9296, 69.8405



54.0352, 61.9296, 42.1015



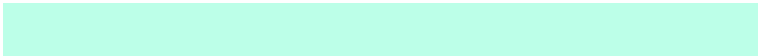
52.6861, 61.9296, 98.2100

Complementary

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



70.9811, 61.9296, 69.8405



71.0668, 88.0386, 89.5952

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.



49.1839, 61.9296, 82.6741



70.9811, 61.9296, 69.8405



49.9253, 61.9296, 50.6989

Square

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



70.9811, 61.9296, 69.8405



59.6977, 61.9296, 39.8264



48.2078, 61.9296, 65.0772



58.0346, 61.9296, 105.5201

Rectangle

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



70.9811, 61.9296, 69.8405



67.1713, 61.9296, 46.6208



48.2078, 61.9296, 65.0772



51.2683, 61.9296, 93.6616

Sweetspot

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



70.9826, 61.9323, 69.8418



86.8012, 86.8348, 95.8773



69.1681, 60.2700, 102.5955



18.2667, 18.0900, 20.0215



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

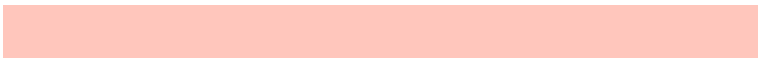
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9826, 61.9323, 69.8418



66.8511, 55.5371, 62.7069



70.5245, 65.3045, 56.4684



18.2667, 18.0900, 20.0215



22.5217, 11.4980, 6.1318



2.2418, 1.1391, 0.8548

Inverse Universe

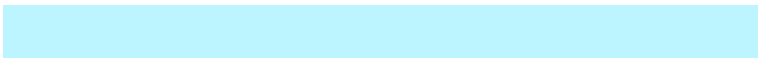
The Inverse Universe completely reimagines the original color for something new.



70.9826, 61.9323, 69.8418



66.8511, 55.5371, 62.7069



71.4281, 83.1873, 106.8998



18.2667, 18.0900, 20.0215



22.5217, 11.4980, 6.1318



2.2418, 1.1391, 0.8548

Previews

White Background



This preview shows how the XYZ color 70.9811, 61.9296, 69.8405 looks on a white background.

Color Contrast Check

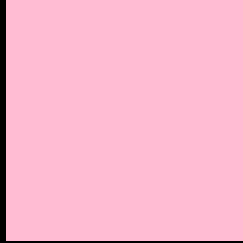
Large Text (above 18pt) WCAG AA × Fail

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 70.9811, 61.9296, 69.8405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

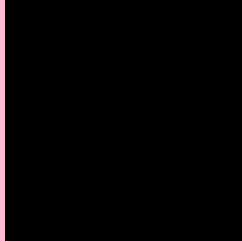
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9811, 61.9296, 69.8405

Background



This preview shows how black text looks on a background with the XYZ color 70.9811, 61.9296, 69.8405.



This preview shows how white text looks on a background with the XYZ color 70.9811, 61.9296,

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

70.9811, 61.9296, 69.8405

Protanopia

60.3361, 62.0049, 77.1947

Deuteranopia

63.5269, 62.0808, 68.9562



Tritanopia

69.9697, 61.8257, 65.3725

Trichromacy



Original Color

70.9811, 61.9296, 69.8405



Protanomaly

63.6883, 61.7039, 74.1989



Deuteranomaly

66.2978, 62.1375, 69.4722



Tritanomaly

70.3331, 61.9710, 67.2861

Monochromacy



Original Color

70.9811, 61.9296, 69.8405



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.7924, 63.7459, 70.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9811, 61.9296, 69.8405 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, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 211) }
```

Border

The CSS property to change the border of an element to XYZ 70.9811, 61.9296, 69.8405 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, 188, 211) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9811, 61.9296, 69.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 211) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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