

Converting Colors

XYZ(70.8840, 61.2645, 71.2599)

Have a look what the booklet for
XYZ(70.8840, 61.2645, 71.2599)
contains.

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Color

**XYZ(70.8091, 61.1819,
71.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAD5
RGB	255, 186, 213
RGB Percent	100%, 73%, 84%
CMY	0.0000, 0.2706, 0.1647
CMYK	0.00, 0.27, 0.16, 0.00
HSL	337°, 100%, 86%
HSV	337°, 27%, 100%
XYZ	70.8091, 61.1819, 71.0280
YIQ	209.7090, 32.4570, 23.0250

Conversions

Conversions Part 2

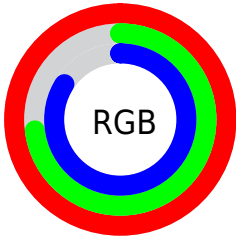
Format	Color
R _Y B	255, 186, 213
Decimal	16759509
CIE Lab	82.48, 28.80, -3.67
CIE LCh	82, 29.032, 352.742
Yxy	61.1819, 0.3488, 0.3014
Android (android.graphics.Color)	4294949589 (0xFFFFBAD5)
YUV	209.7090, 1.6225, 39.7202
Hunter-Lab	78.2189, 24.7075, 0.9139

Details

The XYZ color **70.8091, 61.1819, 71.0280** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0155, 87.5616, 86.6133**, and the grayscale version is **61.0439, 64.2230, 69.9388**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **37.4488, 30.8415, 36.3270** is the 20% darker color. If you saturate the color by 10%, you get **64.0317, 50.6307, 59.5091**, and if you desaturate by 10%, it is **78.7367, 73.7310, 83.8623**.

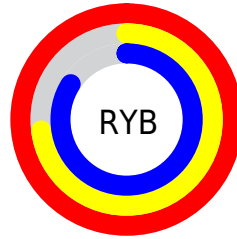
Distribution



Red (100%)

Green (73%)

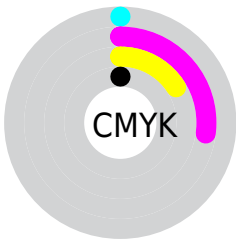
Blue (84%)



Red (100%)

Yellow (73%)

Blue (84%)

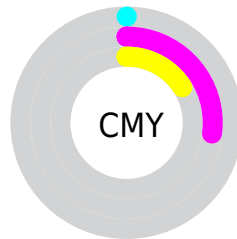


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8091, 61.1819, 71.0280 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 70.8091, 61.1819, 71.0280 by changing the saturation by 10% instead.


 70.8091, 61.1819,
71.0280

 70.8091, 61.1819,
71.0280


452.6080,
428.9406, 483.0376

 52.4684, 44.3720,
51.8831


 119.3819,
106.5423, 122.3684

 37.6043, 30.9631,
36.5303


150.3446,
135.8615, 155.4010

 25.8516, 20.5707,
24.5511


186.2455,
170.1193, 193.8999

 16.8447, 12.8106,
15.5270

227.4497,
209.7001, 238.2836

 10.2185, 7.2982,
9.0393

274.3227,
254.9882, 288.9707

 5.6074, 3.6493,
4.6697

327.2299,

 2.6462, 1.4794,

306.3681, 346.3797

1.9995

386.5366,
364.2241, 410.9291

■ 0.9696, 0.2742,
0.5549

■ 0.0000, 0.0000,
0.0000

■ 70.8091, 61.1819,
71.0280

■ 70.8091, 61.1819,
71.0280

■ 64.0317, 50.6307,
59.5091

■ 78.7367, 73.7310,
83.8623

■ 58.3438, 41.9652,
49.2571

■ 87.8622, 88.3664,
98.0506

■ 53.6855, 35.0747,
40.2256

95.0500, 100.0000,
108.9000

■ 49.9894, 29.8331,
32.3636

■ 47.1792, 26.0976,
25.6158

■ 45.1660, 23.7008,
19.9206

■ 43.8376, 22.4294,
15.2069

■ 43.5293, 22.1757,
13.9852

Harmonies

Analogous

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



68.1747, 61.1819, 89.5203



70.8091, 61.1819, 71.0280



69.8646, 61.1819, 54.2604

Triad

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



70.8091, 61.1819, 71.0280



53.6598, 61.1819, 39.8098



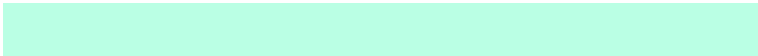
51.2229, 61.1819, 97.6842

Complementary

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



70.8091, 61.1819, 71.0280



70.0155, 87.5616, 86.6133

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.



47.8268, 61.1819, 80.7193



70.8091, 61.1819, 71.0280



49.1624, 61.1819, 47.9963

Square

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



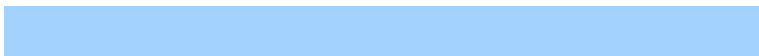
70.8091, 61.1819, 71.0280



59.6721, 61.1819, 38.1431



47.1001, 61.1819, 62.3919



56.6570, 61.1819, 106.5899

Rectangle

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



70.8091, 61.1819, 71.0280



67.3622, 61.1819, 46.0116



47.1001, 61.1819, 62.3919



49.8213, 61.1819, 92.6047

Sweetspot

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



70.8106, 61.1846, 71.0293



86.9485, 86.8937, 96.6528



67.4159, 58.7368, 102.3919



18.3036, 18.1048, 20.2161



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.



70.8106, 61.1846, 71.0293



67.3194, 55.7244, 65.1728



69.1527, 62.9036, 54.9547



18.3036, 18.1048, 20.2161



22.8130, 11.6145, 7.6655



2.2730, 1.1516, 1.0190

Inverse Universe

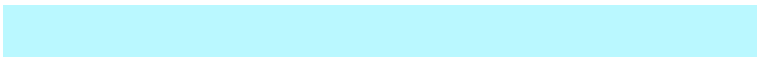
The Inverse Universe completely reimagines the original color for something new.



70.8106, 61.1846, 71.0293



67.3194, 55.7244, 65.1728



71.8996, 84.8566, 107.1972



18.3036, 18.1048, 20.2161



22.8130, 11.6145, 7.6655



2.2730, 1.1516, 1.0190

Previews

White Background



This preview shows how the XYZ color 70.8091, 61.1819, 71.0280 looks on a white background.

Color Contrast Check

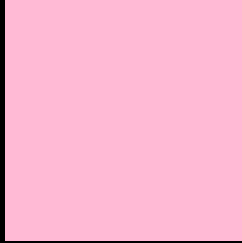
Large Text (above 18pt) WCAG AA × Fail

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 70.8091, 61.1819, 71.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

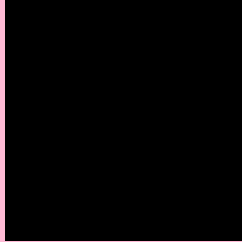
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8091, 61.1819, 71.0280

Background



This preview shows how black text looks on a background with the XYZ color 70.8091, 61.1819, 71.0280.



This preview shows how white text looks on a background with the XYZ color 70.8091, 61.1819,

71.0280.

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

70.8091, 61.1819, 71.0280

Protanopia

59.9493, 61.4049, 79.2137

Deuteranopia

62.6127, 61.2380, 70.1481



Tritanopia

69.5169, 61.3015, 64.0456

Trichromacy



Original Color

70.8091, 61.1819, 71.0280



Protanomaly

63.3159, 60.7878, 76.1063



Deuteranomaly

65.4364, 60.9992, 70.6125



Tritanomaly

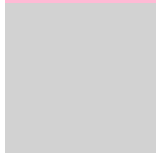
69.7840, 61.0677, 66.5018

Monochromacy



Original Color

70.8091, 61.1819, 71.0280



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.0085, 62.6452, 70.3461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8091, 61.1819, 71.0280 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, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 213)  
}
```

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, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 213) }
```

Border

The CSS property to change the border of an element to XYZ 70.8091, 61.1819, 71.0280 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, 186, 213) }
```


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

```
.border{ border-color:rgb(255, 186, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8091, 61.1819, 71.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 213) }
```

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

```
.background{ background-color: rgb(255,  
186, 213) }
```

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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