

Converting Colors

XYZ(71.9775, 61.6998, 77.0247)

Have a look what the booklet for
XYZ(71.9775, 61.6998, 77.0247)
contains.

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Color

**XYZ(71.9837, 61.6517,
77.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBADE
RGB	255, 186, 222
RGB Percent	100%, 73%, 87%
CMY	0.0000, 0.2706, 0.1294
CMYK	0.00, 0.27, 0.13, 0.00
HSL	329°, 100%, 86%
HSV	329°, 27%, 100%
XYZ	71.9837, 61.6517, 77.2133
YIQ	210.7350, 29.5680, 25.8240

Conversions

Conversions Part 2

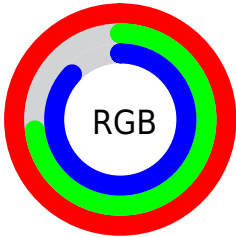
Format	Color
R _Y B	255, 186, 222
Decimal	16759518
CIE Lab	82.73, 30.21, -8.13
CIE LCh	83, 31.283, 344.937
Yxy	61.6517, 0.3414, 0.2924
Android (android.graphics.Color)	4294949598 (0xFFFFBADE)
YUV	210.7350, 5.5536, 38.8204
Hunter-Lab	78.5186, 26.2364, -3.3413

Details

The XYZ color **71.9837, 61.6517, 77.2133** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7980, 87.0746, 80.2021**, and the grayscale version is **61.6942, 64.9071, 70.6839**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **38.2523, 31.1629, 40.5581** is the 20% darker color. If you saturate the color by 10%, you get **65.5073, 51.2208, 67.2795**, and if you desaturate by 10%, it is **79.5399, 74.0522, 88.0920**.

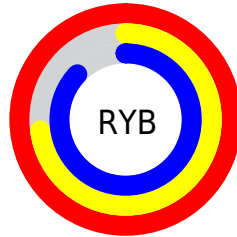
Distribution



Red (100%)

Green (73%)

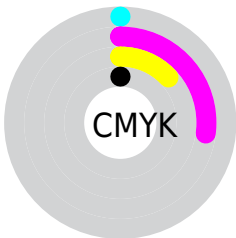
Blue (87%)



Red (100%)

Yellow (73%)

Blue (87%)

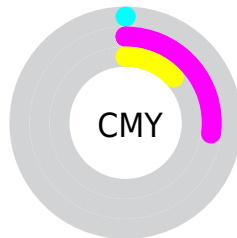


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9837, 61.6517, 77.2133 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 71.9837, 61.6517, 77.2133 by changing the saturation by 10% instead.


 71.9837, 61.6517,
77.2133

 71.9837, 61.6517,
77.2133


456.6434,
430.6595, 504.9479

 53.4308, 44.7513,
56.9153


 121.0443,
107.2220, 131.2163

 38.3756, 31.2616,
40.5284

152.2827,
136.6607, 165.7584

 26.4529, 20.7981,
27.6338


188.4802,
171.0476, 205.8857

 17.2972, 12.9765,
17.8132

230.0023,
210.7671, 252.0166

 10.5432, 7.4124,
10.6479

277.2143,
256.2037, 304.5698

 5.8256, 3.7213,
5.7194

330.4816,

 2.7790, 1.5189,

307.7417, 363.9637

2.6092

390.1695,
365.7655, 430.6169

■ 1.0380, 0.3020,
0.8972

■ 0.0000, 0.0000,
0.0000

■ 71.9837, 61.6517,
77.2133

■ 71.9837, 61.6517,
77.2133

■ 65.5073, 51.2208,
67.2795

■ 79.5399, 74.0522,
88.0920

■ 60.0528, 42.6488,
58.2567

■ 88.2210, 88.5099,
99.9403

■ 55.5634, 35.8258,
50.1141

95.0500, 100.0000,
108.9000

■ 51.9746, 30.6271,
42.8172

■ 49.2135, 26.9113,
36.3280

■ 47.1948, 24.5123,
30.6040

■ 45.8101, 23.2184,
25.5942

■ 45.4762, 22.9545,
24.2377

Harmonies

Analogous

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



68.2080, 61.6517, 96.8833



71.9837, 61.6517, 77.2133



71.9922, 61.6517, 58.0335

Triad

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



71.9837, 61.6517, 77.2133



55.3299, 61.6517, 37.3426



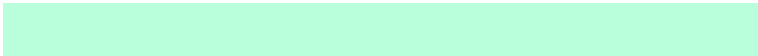
49.9179, 61.6517, 96.8096

Complementary

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



71.9837, 61.6517, 77.2133



68.7980, 87.0746, 80.2021

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.



46.9777, 61.6517, 77.1267



71.9837, 61.6517, 77.2133



49.9361, 61.6517, 44.1898

Square

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



71.9837, 61.6517, 77.2133



62.0211, 61.6517, 37.3569



46.9841, 61.6517, 57.9619



55.3034, 61.6517, 109.5841

Rectangle

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



71.9837, 61.6517, 77.2133



69.8433, 61.6517, 48.0859



46.9841, 61.6517, 57.9619



48.6297, 61.6517, 90.6318

Sweetspot

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



71.9851, 61.6543, 77.2146



87.3525, 87.0553, 98.7802



64.5844, 57.2771, 102.2594



18.4052, 18.1454, 20.7510



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.



71.9851, 61.6543, 77.2146



68.6514, 56.2572, 72.1872



67.9103, 60.0244, 55.7566



18.4052, 18.1454, 20.7510



23.8383, 12.0246, 13.0649



2.3763, 1.1929, 1.5630

Inverse Universe

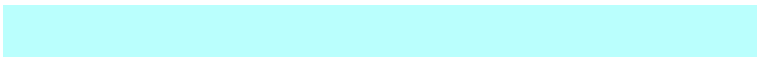
The Inverse Universe completely reimagines the original color for something new.



71.9851, 61.6543, 77.2146



68.6514, 56.2572, 72.1872



73.6930, 89.0326, 105.9793



18.4052, 18.1454, 20.7510



23.8383, 12.0246, 13.0649



2.3763, 1.1929, 1.5630

Previews

White Background



This preview shows how the XYZ color 71.9837, 61.6517, 77.2133 looks on a white background.

Color Contrast Check

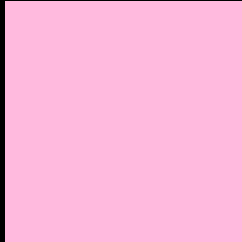
Large Text (above 18pt) WCAG AA × Fail

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 71.9837, 61.6517, 77.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

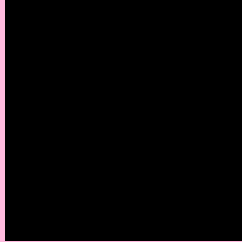
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9837, 61.6517, 77.2133

Background



This preview shows how black text looks on a background with the XYZ color 71.9837, 61.6517, 77.2133.



This preview shows how white text looks on a background with the XYZ color 71.9837, 61.6517,

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

71.9837, 61.6517, 77.2133

Protanopia

61.0397, 62.1597, 86.6228

Deuteranopia

62.9557, 61.6387, 75.5972



Tritanopia

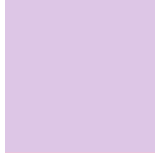
69.6047, 61.6375, 65.3554

Trichromacy



Original Color

71.9837, 61.6517, 77.2133



Protanomaly

64.2958, 61.4735, 83.3397



Deuteranomaly

66.0376, 61.5212, 76.1044



Tritanomaly

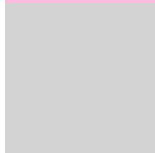
70.6141, 61.7404, 69.8233

Monochromacy



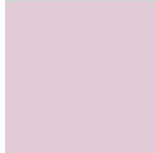
Original Color

71.9837, 61.6517, 77.2133



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.0648, 63.4782, 73.1132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9837, 61.6517, 77.2133 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.9837, 61.6517, 77.2133 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, 222) }
```


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

```
.border{ border-color:rgb(255, 186, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9837, 61.6517, 77.2133 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
186, 222) }
```

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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