

Converting Colors

XYZ(71.7894, 61.5812, 76.1679)

Have a look what the booklet for
XYZ(71.7894, 61.5812, 76.1679)
contains.

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Color

**XYZ(71.8501, 61.5983,
76.5094)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBADD
RGB	255, 186, 221
RGB Percent	100%, 73%, 87%
CMY	0.0000, 0.2706, 0.1333
CMYK	0.00, 0.27, 0.13, 0.00
HSL	330°, 100%, 86%
HSV	330°, 27%, 100%
XYZ	71.8501, 61.5983, 76.5094
YIQ	210.6210, 29.8890, 25.5130

Conversions

Conversions Part 2

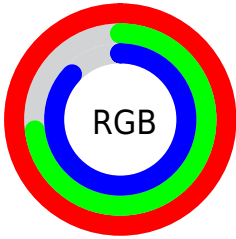
Format	Color
R _Y B	255, 186, 221
Decimal	16759517
CIE Lab	82.70, 30.05, -7.64
CIE LCh	83, 31.004, 345.743
Yxy	61.5983, 0.3422, 0.2934
Android (android.graphics.Color)	4294949597 (0xFFFFBADD)
YUV	210.6210, 5.1168, 38.9204
Hunter-Lab	78.4846, 26.0630, -2.8587

Details

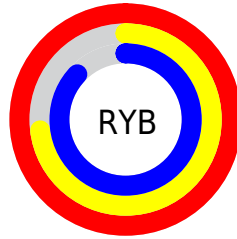
The XYZ color **71.8501, 61.5983, 76.5094** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.9301, 87.1274, 80.8978**, and the grayscale version is **61.6218, 64.8309, 70.6009**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **38.1602, 31.1260, 40.0731** is the 20% darker color. If you saturate the color by 10%, you get **65.3375, 51.1530, 66.3856**, and if you desaturate by 10%, it is **79.4493, 74.0161, 87.6153**.

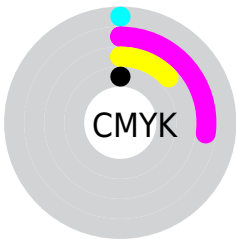
Distribution



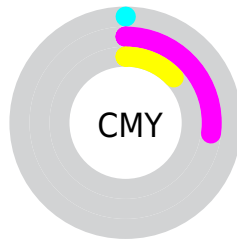
- Red (100%)
- Green (73%)
- Blue (87%)



- 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 71.8501, 61.5983, 76.5094 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 71.8501, 61.5983, 76.5094 by changing the saturation by 10% instead.


 71.8501, 61.5983,
76.5094

 71.8501, 61.5983,
76.5094


456.1854,
430.4643, 502.4829

 53.3213, 44.7082,
56.3412


 120.8553,
107.1448, 130.2134

 38.2878, 31.2276,
40.0707

152.0625,
136.5699, 164.5862

 26.3844, 20.7723,
27.2795


188.2264,
170.9422, 204.5310

 17.2456, 12.9576,
17.5489

229.7124,
210.6460, 250.4662

 10.5061, 7.3994,
10.4605

276.8860,
256.0657, 302.8105

 5.8006, 3.7131,
5.5958


330.1125,


 2.7637, 1.5144,


307.5857, 361.9823


2.5361


389.7572,
365.5905, 428.4003


 1.0301, 0.2988,
0.8592


 0.0000, 0.0000,
0.0000


 71.8501, 61.5983,
76.5094


 71.8501, 61.5983,
76.5094

 65.3375, 51.1530,
66.3856


 79.4493, 74.0161,
87.6153

 59.8538, 42.5692,
57.2088

 88.1809, 88.4939,
99.7292

 55.3417, 35.7371,
48.9468

95.0500, 100.0000,
108.9000

 51.7365, 30.5319,
41.5636

■ 48.9651, 26.8119,
35.0199

■ 46.9417, 24.4111,
29.2715

■ 45.5579, 23.1175,
24.2658

■ 45.2252, 22.8541,
22.9157

Harmonies

Analogous

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



68.2018, 61.5983, 96.0442



71.8501, 61.5983, 76.5094



71.7517, 61.5983, 57.6075

Triad

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



71.8501, 61.5983, 76.5094



55.1426, 61.5983, 37.6121



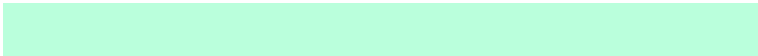
50.0610, 61.5983, 96.9005

Complementary

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



71.8501, 61.5983, 76.5094



68.9301, 87.1274, 80.8978

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.



47.0713, 61.5983, 77.5160



71.8501, 61.5983, 76.5094



49.8499, 61.5983, 44.6017

Square

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



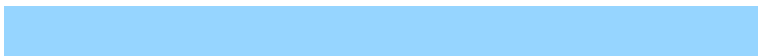
71.8501, 61.5983, 76.5094



61.7566, 61.5983, 37.4450



46.9971, 61.5983, 58.4409



55.4512, 61.5983, 109.2427

Rectangle

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



71.8501, 61.5983, 76.5094



69.5632, 61.5983, 47.8542



46.9971, 61.5983, 58.4409



48.7605, 61.5983, 90.8439

Sweetspot

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



71.8515, 61.6009, 76.5107



87.3073, 87.0372, 98.5423



64.9300, 57.4553, 102.2755



18.3938, 18.1408, 20.6911



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.



71.8515, 61.6009, 76.5107



68.4991, 56.1962, 71.3847



67.7865, 59.9749, 55.1049



18.3938, 18.1408, 20.6911



23.7067, 11.9720, 12.3721



2.3634, 1.1877, 1.4952

Inverse Universe

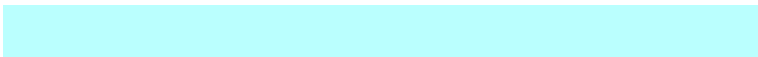
The Inverse Universe completely reimagines the original color for something new.



71.8515, 61.6009, 76.5107



68.4991, 56.1962, 71.3847



73.8766, 89.1060, 106.9456



18.3938, 18.1408, 20.6911



23.7067, 11.9720, 12.3721



2.3634, 1.1877, 1.4952

Previews

White Background



This preview shows how the XYZ color 71.8501, 61.5983, 76.5094 looks on a white background.

Color Contrast Check

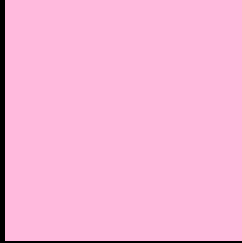
Large Text (above 18pt) WCAG AA × Fail

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 71.8501, 61.5983, 76.5094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

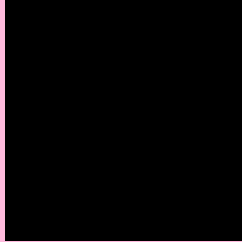
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8501, 61.5983, 76.5094

Background



This preview shows how black text looks on a background with the XYZ color 71.8501, 61.5983, 76.5094.



This preview shows how white text looks on a background with the XYZ color 71.8501, 61.5983,

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

71.8501, 61.5983, 76.5094

Protanopia

60.8964, 62.1024, 85.8682

Deuteranopia

63.1280, 61.7427, 74.9200



Tritanopia

69.6047, 61.6375, 65.3554

Trichromacy



Original Color

71.8501, 61.5983, 76.5094



Protanomaly

64.1557, 61.4175, 82.6021



Deuteranomaly

65.9056, 61.4683, 75.4088



Tritanomaly

70.4891, 61.6904, 69.1650

Monochromacy



Original Color

71.8501, 61.5983, 76.5094



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 71.8501, 61.5983, 76.5094 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.8501, 61.5983, 76.5094 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, 221) }
```


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

```
.border{ border-color:rgb(255, 186, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8501, 61.5983, 76.5094 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
186, 221) }
```

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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