

Converting Colors

XYZ(76.2401, 64.0971, 74.3444)

Have a look what the booklet for
XYZ(76.2401, 64.0971, 74.3444)
contains.

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Color

**XYZ(71.6652, 61.8626,
74.4932)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBDA
RGB	255, 187, 218
RGB Percent	100%, 73%, 85%
CMY	0.0000, 0.2666, 0.1451
CMYK	0.00, 0.27, 0.15, 0.00
HSL	333°, 100%, 87%
HSV	333°, 27%, 100%
XYZ	71.6652, 61.8626, 74.4932
YIQ	210.8660, 30.5770, 24.0570

Conversions

Conversions Part 2

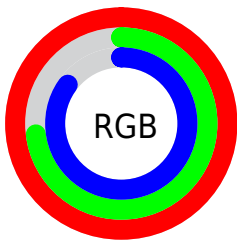
Format	Color
R _Y B	255, 187, 218
Decimal	16759770
CIE Lab	82.84, 29.05, -5.82
CIE LCh	83, 29.627, 348.677
Yxy	61.8626, 0.3445, 0.2974
Android (android.graphics.Color)	4294949850 (0xFFFFBBDA)
YUV	210.8660, 3.5171, 38.7055
Hunter-Lab	78.6528, 24.9995, -1.0975

Details

The XYZ color **71.6652, 61.8626, 74.4932** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.7102, 87.4676, 83.7333**, and the grayscale version is **61.7932, 65.0112, 70.7972**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **38.0243, 31.2897, 38.6857** is the 20% darker color. If you saturate the color by 10%, you get **64.9876, 51.2926, 63.6809**, and if you desaturate by 10%, it is **79.4582, 74.4196, 86.4289**.

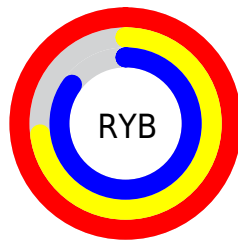
Distribution



Red (100%)

Green (73%)

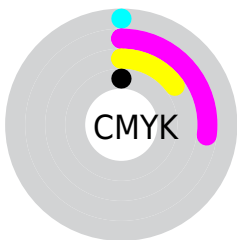
Blue (85%)



Red (100%)

Yellow (73%)

Blue (85%)

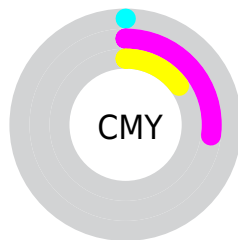


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6652, 61.8626, 74.4932 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 71.6652, 61.8626, 74.4932 by changing the saturation by 10% instead.


 71.6652, 61.8626,
74.4932

 71.6652, 61.8626,
74.4932


455.5512,
431.4297, 495.3827

 53.1697, 44.9217,
54.6986


 120.5938,
107.5269, 127.3352

 38.1663, 31.3957,
38.7635


151.7576,
137.0191, 161.2196

 26.2896, 20.9004,
26.2694


187.8749,
171.4639, 200.6378

 17.1742, 13.0512,
16.7977

229.3111,
211.2456, 246.0081

 10.4549, 7.4638,
9.9299

276.4314,
256.7486, 297.7493

 5.7661, 3.7538,
5.2475

329.6013,

 2.7427, 1.5368,

308.3574, 356.2797

2.3319

389.1861,
366.4563, 422.0180

■ 1.0192, 0.3144,
0.7490

■ 0.0000, 0.0000,
0.0000

■ 71.6652, 61.8626,
74.4932

■ 71.6652, 61.8626,
74.4932

■ 64.9876, 51.2926,
63.6809

■ 79.4582, 74.4196,
86.4289

■ 59.3666, 42.5987,
53.9518

■ 88.4129, 89.0513,
99.5187

■ 54.7442, 35.6708,
45.2684

95.0500, 100.0000,
108.9000

■ 51.0549, 30.3843,
37.5889

■ 48.2248, 26.5981,
30.8682

■ 46.1675, 24.1465,
25.0557

■ 44.7756, 22.8220,
20.0928

■ 44.4065, 22.5266,
18.6046

Harmonies

Analogous

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



68.5003, 61.8626, 93.3192



71.6652, 61.8626, 74.4932



71.2015, 61.8626, 56.7223

Triad

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



71.6652, 61.8626, 74.4932



54.9571, 61.8626, 39.2576



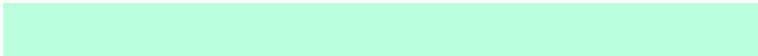
51.0652, 61.8626, 97.3357

Complementary

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



71.6652, 61.8626, 74.4932



69.7102, 87.4676, 83.7333

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.



47.9267, 61.8626, 79.2461



71.6652, 61.8626, 74.4932



50.0590, 61.8626, 46.7221

Square

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



71.6652, 61.8626, 74.4932



61.2399, 61.8626, 38.4493



47.5722, 61.8626, 60.6933



56.4230, 61.8626, 108.0105

Rectangle

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



71.6652, 61.8626, 74.4932



68.9041, 61.8626, 47.7023



47.5722, 61.8626, 60.6933



49.7328, 61.8626, 91.7839

Sweetspot

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



71.6667, 61.8653, 74.4945



87.1478, 86.9734, 97.7022



66.3362, 58.4941, 102.4019



18.3537, 18.1248, 20.4798



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.



71.6667, 61.8653, 74.4945



67.9679, 55.9838, 68.5874



68.4666, 61.3607, 55.2524



18.3537, 18.1248, 20.4798



23.2765, 11.7999, 10.1066



2.3207, 1.1706, 1.2700

Inverse Universe

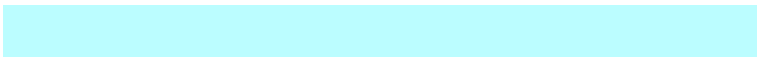
The Inverse Universe completely reimagines the original color for something new.



71.6667, 61.8653, 74.4945



67.9679, 55.9838, 68.5874



73.5862, 87.8680, 107.6896



18.3537, 18.1248, 20.4798



23.2765, 11.7999, 10.1066



2.3207, 1.1706, 1.2700

Previews

White Background



This preview shows how the XYZ color 71.6652, 61.8626, 74.4932 looks on a white background.

Color Contrast Check

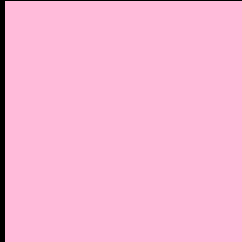
Large Text (above 18pt) WCAG AA × Fail

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 71.6652, 61.8626, 74.4932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

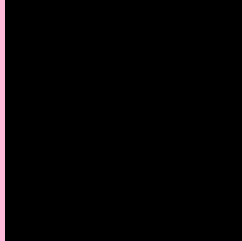
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6652, 61.8626, 74.4932

Background



This preview shows how black text looks on a background with the XYZ color 71.6652, 61.8626, 74.4932.



This preview shows how white text looks on a background with the XYZ color 71.6652, 61.8626,

74.4932.

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

71.6652, 61.8626, 74.4932

Protanopia

60.8760, 62.1572, 82.9178

Deuteranopia

63.4804, 61.9544, 73.5784



Tritanopia

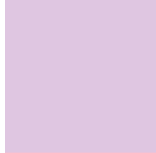
69.6047, 61.6375, 65.3554

Trichromacy



Original Color

71.6652, 61.8626, 74.4932



Protanomaly

64.2161, 61.5124, 79.7227



Deuteranomaly

66.3004, 61.7021, 74.0609



Tritanomaly

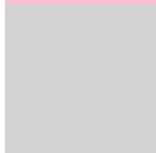
70.3649, 61.6407, 68.5108

Monochromacy



Original Color

71.6652, 61.8626, 74.4932



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.9367, 63.4270, 72.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6652, 61.8626, 74.4932 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, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 218)  
}
```

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, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.6652, 61.8626, 74.4932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

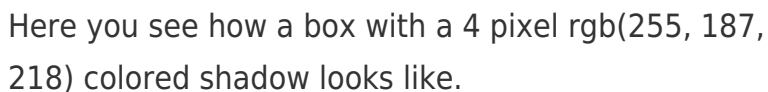
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 187, 218) }
```


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

```
.border{ border-color:rgb(255, 187, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 187, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 218); box-shadow:4px 4px 4px 4px rgb(255, 187, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6652, 61.8626, 74.4932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 218) }
```

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

```
.background{ background-color: rgb(255,  
187, 218) }
```

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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