

Converting Colors

XYZ(71.6112, 61.6665, 74.7470)

Have a look what the booklet for
XYZ(71.6112, 61.6665, 74.7470)
contains.

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Color

**XYZ(71.4538, 61.4398,
74.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBADA
RGB	255, 186, 218
RGB Percent	100%, 73%, 85%
CMY	0.0000, 0.2706, 0.1451
CMYK	0.00, 0.27, 0.15, 0.00
HSL	332°, 100%, 86%
HSV	332°, 27%, 100%
XYZ	71.4538, 61.4398, 74.4227
YIQ	210.2790, 30.8520, 24.5800

Conversions

Conversions Part 2

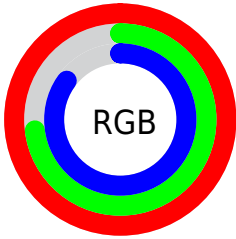
Format	Color
R _Y B	255, 186, 218
Decimal	16759514
CIE Lab	82.61, 29.57, -6.15
CIE LCh	83, 30.208, 348.253
Yxy	61.4398, 0.3447, 0.2964
Android (android.graphics.Color)	4294949594 (0xFFFFBADA)
YUV	210.2790, 3.8065, 39.2203
Hunter-Lab	78.3835, 25.5479, -1.4255

Details

The XYZ color **71.4538, 61.4398, 74.4227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.3312, 87.2879, 83.0097**, and the grayscale version is **61.4048, 64.6026, 70.3522**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **37.8881, 31.0172, 38.6403** is the 20% darker color. If you saturate the color by 10%, you get **64.8370, 50.9528, 63.7499**, and if you desaturate by 10%, it is **79.1797, 73.9082, 86.1953**.

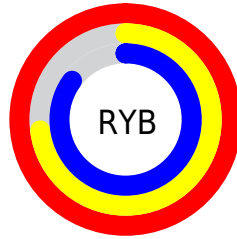
Distribution



Red (100%)

Green (73%)

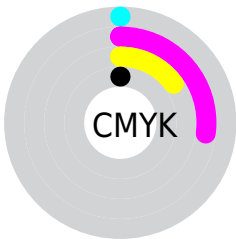
Blue (85%)



Red (100%)

Yellow (73%)

Blue (85%)

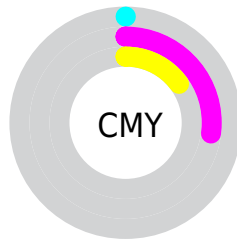


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4538, 61.4398, 74.4227 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 71.4538, 61.4398, 74.4227 by changing the saturation by 10% instead.


 71.4538, 61.4398,
74.4227

 71.4538, 61.4398,
74.4227


454.8254,
429.8847, 495.1333

 52.9965, 44.5802,
54.6412


 120.2947,
106.9155, 127.2344

 38.0274, 31.1269,
38.7179


151.4089,
136.3003, 161.1017

 26.1813, 20.6955,
26.2342


187.4729,
170.6291, 200.5013

 17.0927, 12.9016,
16.7716

228.8519,
210.2861, 245.8518

 10.3963, 7.3608,
9.9115

275.9113,
255.6558, 297.5717

 5.7268, 3.6888,
5.2355

329.0164,

 2.7187, 1.5010,

307.1225, 356.0796

2.3249

388.5327,
365.0707, 421.7939

■ 1.0068, 0.2895,
0.7451

■ 0.0000, 0.0000,
0.0000

■ 71.4538, 61.4398,
74.4227

■ 71.4538, 61.4398,
74.4227

■ 64.8370, 50.9528,
63.7499

■ 79.1797, 73.9082,
86.1953

■ 59.2705, 42.3359,
54.1373

■ 88.0610, 88.4460,
99.0975

■ 54.6963, 35.4790,
45.5483

95.0500, 100.0000,
108.9000

■ 51.0488, 30.2568,
37.9421

■ 48.2538, 26.5274,
31.2743

■ 46.2246, 24.1243,
25.4952

■ 44.8516, 22.8350,
20.5465

■ 44.5251, 22.5740,
19.2290

Harmonies

Analogous

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



68.1868, 61.4398, 93.5584



71.4538, 61.4398, 74.4227



71.0363, 61.4398, 56.3396

Triad

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



71.4538, 61.4398, 74.4227



54.5834, 61.4398, 38.4275



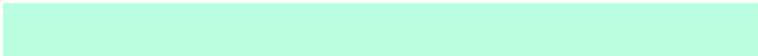
50.4929, 61.4398, 97.1823

Complementary

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



71.4538, 61.4398, 74.4227



69.3312, 87.2879, 83.0097

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.



47.3531, 61.4398, 78.6983



71.4538, 61.4398, 74.4227



49.5916, 61.4398, 45.8538

Square

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



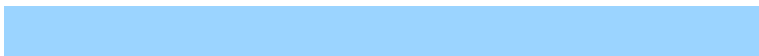
71.4538, 61.4398, 74.4227



60.9683, 61.4398, 37.7084



47.0358, 61.4398, 59.8975



55.8984, 61.4398, 108.2312

Rectangle

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



71.4538, 61.4398, 74.4227



68.7294, 61.4398, 47.1609



47.0358, 61.4398, 59.8975



49.1552, 61.4398, 91.4907

Sweetspot

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



71.4553, 61.4424, 74.4240



87.1722, 86.9832, 97.8309



65.9809, 57.9971, 102.3247



18.3599, 18.1273, 20.5121



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.



71.4553, 61.4424, 74.4240



68.0485, 56.0160, 69.0121



68.1522, 60.9028, 54.6212



18.3599, 18.1273, 20.5121



23.3390, 11.8249, 10.4354



2.3269, 1.1731, 1.3031

Inverse Universe

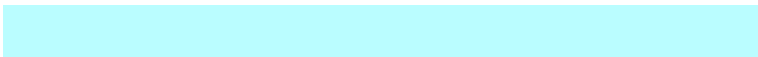
The Inverse Universe completely reimagines the original color for something new.



71.4553, 61.4424, 74.4240



68.0485, 56.0160, 69.0121



73.3319, 87.7213, 107.6746



18.3599, 18.1273, 20.5121



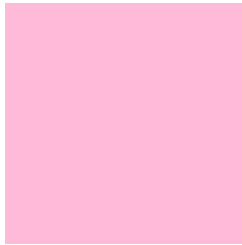
23.3390, 11.8249, 10.4354



2.3269, 1.1731, 1.3031

Previews

White Background



This preview shows how the XYZ color 71.4538, 61.4398, 74.4227 looks on a white background.

Color Contrast Check

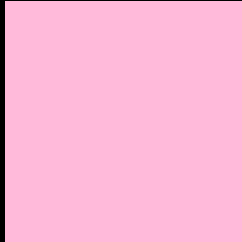
Large Text (above 18pt) WCAG AA × Fail

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 71.4538, 61.4398, 74.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

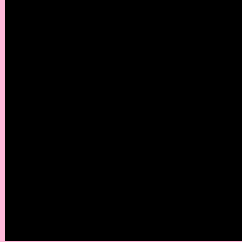
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4538, 61.4398, 74.4227

Background



This preview shows how black text looks on a background with the XYZ color 71.4538, 61.4398, 74.4227.



This preview shows how white text looks on a background with the XYZ color 71.4538, 61.4398,

74.4227.

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

71.4538, 61.4398, 74.4227

Protanopia

60.6028, 62.0163, 82.9050

Deuteranopia

63.0442, 61.7444, 72.8851



Tritanopia

69.4851, 61.5896, 64.7256

Trichromacy



Original Color

71.4538, 61.4398, 74.4227

Protanomaly

63.9089, 61.3540, 79.7083

Deuteranomaly

65.8415, 61.4805, 73.3625

Tritanomaly

70.2414, 61.5913, 67.8607

Monochromacy



Original Color

71.4538, 61.4398, 74.4227

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

64.2609, 62.7461, 71.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4538, 61.4398, 74.4227 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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, 186, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.4538, 61.4398, 74.4227 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, 218) }
```


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

```
.border{ border-color:rgb(255, 186, 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, 186, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4538, 61.4398, 74.4227 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, 218) }
```

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

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