

Converting Colors

XYZ(71.5088, 61.1277, 75.7420)

Have a look what the booklet for
XYZ(71.5088, 61.1277, 75.7420)
contains.

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Color

**XYZ(71.5072, 61.1252,
75.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9DC
RGB	255, 185, 220
RGB Percent	100%, 73%, 86%
CMY	0.0000, 0.2745, 0.1372
CMYK	0.00, 0.27, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 27%, 100%
XYZ	71.5072, 61.1252, 75.7397
YIQ	209.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

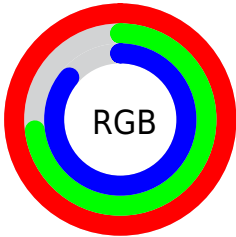
Format	Color
R _Y B	255, 185, 220
Decimal	16759260
CIE Lab	82.45, 30.41, -7.47
CIE LCh	82, 31.320, 346.194
Yxy	61.1252, 0.3432, 0.2933
Android (android.graphics.Color)	4294949340 (0xFFFFB9DC)
YUV	209.9200, 4.9694, 39.5352
Hunter-Lab	78.1826, 26.4397, -2.7096

Details

The XYZ color **71.5072, 61.1252, 75.7397** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.6879, 87.0026, 80.8864**, and the grayscale version is **61.1618, 64.3470, 70.0739**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **37.9338, 30.8195, 39.5467** is the 20% darker color. If you saturate the color by 10%, you get **65.0185, 50.7479, 65.5607**, and if you desaturate by 10%, it is **79.0843, 73.4725, 86.9185**.

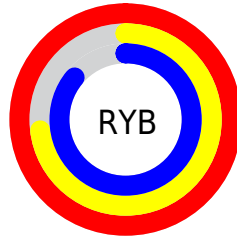
Distribution



Red (100%)

Green (73%)

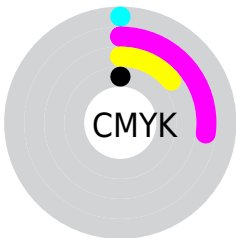
Blue (86%)



Red (100%)

Yellow (73%)

Blue (86%)

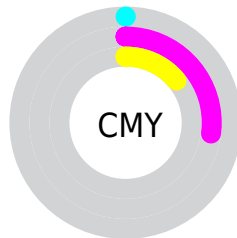


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5072, 61.1252, 75.7397 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 71.5072, 61.1252, 75.7397 by changing the saturation by 10% instead.

71.5072, 61.1252,
75.7397

71.5072, 61.1252,
75.7397

455.0088,
428.7329, 499.7793

53.0402, 44.3262,
55.7137

120.3702,
106.4602, 129.1156

38.0625, 30.9270,
39.5710

151.4970,
135.7650, 163.3026

26.2086, 20.5433,
26.8930

187.5745,
170.0072, 203.0470

17.1133, 12.7906,
17.2611

228.9679,
209.5712, 248.7674

10.4111, 7.2845,
10.2569

276.0427,
254.8413, 300.8823

5.7367, 3.6407,
5.4618

329.1642,

2.7248, 1.4747,

306.2021, 359.8102

2.4573

388.6978,
364.0378, 425.9697

■ 1.0100, 0.2708,
0.8174

■ 0.0000, 0.0000,
0.0000

■ 71.5072, 61.1252,
75.7397

■ 71.5072, 61.1252,
75.7397

■ 65.0185, 50.7479,
65.5607

■ 79.0843, 73.4725,
86.9185

■ 59.5598, 42.2294,
56.3458

■ 87.7955, 87.8777,
99.1238

■ 55.0737, 35.4592,
48.0619

95.0500, 100.0000,
108.9000

■ 51.4950, 30.3120,
40.6722

■ 48.7501, 26.6453,
34.1364

■ 46.7524, 24.2916,
28.4092

■ 45.3902, 23.0331,
23.4364

■ 45.1030, 22.8052,
22.2724

Harmonies

Analogous

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



67.8850, 61.1252, 95.4543



71.5072, 61.1252, 75.7397



71.3480, 61.1252, 56.7996

Triad

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



71.5072, 61.1252, 75.7397



54.5833, 61.1252, 37.0734



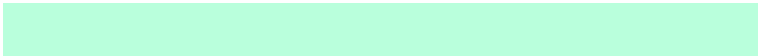
49.6399, 61.1252, 96.8417

Complementary

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



71.5072, 61.1252, 75.7397



68.6879, 87.0026, 80.8864

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.



46.5987, 61.1252, 77.3678



71.5072, 61.1252, 75.7397



49.2994, 61.1252, 44.1706

Square

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



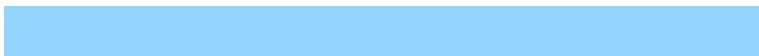
71.5072, 61.1252, 75.7397



61.2219, 61.1252, 36.8050



46.4790, 61.1252, 58.1445



55.0815, 61.1252, 109.1272

Rectangle

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



71.5072, 61.1252, 75.7397



69.1102, 61.1252, 47.0832



46.4790, 61.1252, 58.1445



48.3220, 61.1252, 90.7680

Sweetspot

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



71.5087, 61.1278, 75.7410



87.2848, 87.0282, 98.4235



64.9163, 57.1366, 102.2147



18.3882, 18.1386, 20.6612



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.



71.5087, 61.1278, 75.7410



67.7750, 55.1294, 69.9684



67.3478, 59.4635, 53.8303



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Inverse Universe

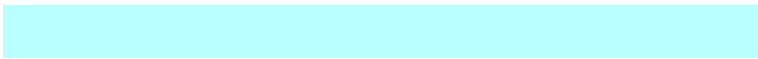
The Inverse Universe completely reimagines the original color for something new.



71.5087, 61.1278, 75.7410



67.7750, 55.1294, 69.9684



73.8190, 89.0550, 107.9064



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 71.5072, 61.1252, 75.7397 looks on a white background.

Color Contrast Check

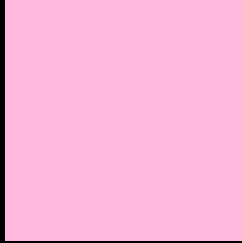
Large Text (above 18pt) WCAG AA × Fail

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 71.5072, 61.1252, 75.7397 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 71.5072, 61.1252, 75.7397

Background



This preview shows how black text looks on a background with the XYZ color 71.5072, 61.1252, 75.7397.



This preview shows how white text looks on a background with the XYZ color 71.5072, 61.1252,

75.7397.

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

71.5072, 61.1252, 75.7397

Protanopia

60.2457, 61.4294, 85.0257

Deuteranopia

62.4630, 61.0722, 74.1416



Tritanopia

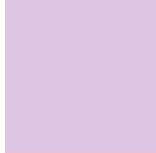
69.1519, 61.1134, 64.0285

Trichromacy



Original Color

71.5072, 61.1252, 75.7397



Protanomaly

63.7886, 60.9061, 81.7928



Deuteranomaly

65.5509, 60.9692, 74.6430



Tritanomaly

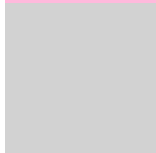
70.1520, 61.2149, 68.4399

Monochromacy



Original Color

71.5072, 61.1252, 75.7397



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.3883, 62.7971, 72.3457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5072, 61.1252, 75.7397 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, 185, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 220)  
}
```

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, 185, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 220) }
```

Border

The CSS property to change the border of an element to XYZ 71.5072, 61.1252, 75.7397 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, 185, 220) }
```


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

```
.border{ border-color:rgb(255, 185, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5072, 61.1252, 75.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 220) }
```

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

```
.background{ background-color: rgb(255,  
185, 220) }
```

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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