

Converting Colors

XYZ(109.4689, 81.9511,
73.5294)

Have a look what the booklet for
XYZ(109.4689, 81.9511, 73.5294)
contains.

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Color

**XYZ(71.5752, 62.5102,
71.9116)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD6
RGB	255, 189, 214
RGB Percent	100%, 74%, 84%
CMY	0.0000, 0.2588, 0.1608
CMYK	0.00, 0.26, 0.16, 0.00
HSL	337°, 100%, 87%
HSV	337°, 26%, 100%
XYZ	71.5752, 62.5102, 71.9116
YIQ	211.5840, 31.3110, 21.7670

Conversions

Conversions Part 2

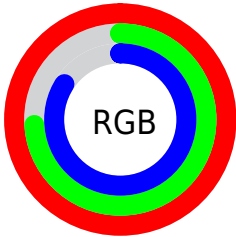
Format	Color
R _Y B	255, 189, 214
Decimal	16760278
CIE Lab	83.18, 27.38, -3.16
CIE LCh	83, 27.560, 353.407
Yxy	62.5102, 0.3475, 0.3035
Android (android.graphics.Color)	4294950358 (0xFFFFBDD6)
YUV	211.5840, 1.1911, 38.0758
Hunter-Lab	79.0634, 23.2331, 1.4175

Details

The XYZ color **71.5752, 62.5102, 71.9116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0314, 88.0530, 88.1186**, and the grayscale version is **62.2824, 65.5259, 71.3577**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.9479, 31.7015, 36.9198** is the 20% darker color. If you saturate the color by 10%, you get **64.6387, 51.7190, 60.0985**, and if you desaturate by 10%, it is **79.6757, 75.3140, 85.0852**.

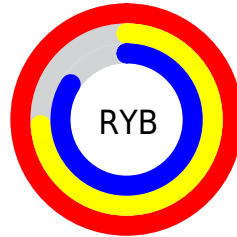
Distribution



Red (100%)

Green (74%)

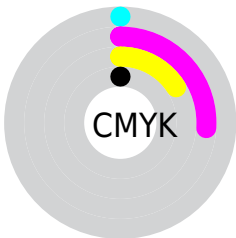
Blue (84%)



Red (100%)

Yellow (74%)

Blue (84%)

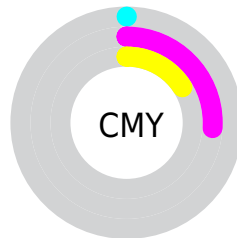


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5752, 62.5102, 71.9116 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 71.5752, 62.5102, 71.9116 by changing the saturation by 10% instead.


 71.5752, 62.5102,
71.9116

 71.5752, 62.5102,
71.9116

455.2423,
433.7897, 486.2031

 53.0960, 45.4451,
52.6001


 120.4665,
108.4626, 123.6374

 38.1072, 31.8081,
37.0981


151.6092,
138.1186, 156.8887

 26.2435, 21.2150,
24.9870

187.7038,
172.7404, 195.6238

 17.1395, 13.2813,
15.8485

229.1156,
212.7124, 240.2610

 10.4299, 7.6225,
9.2638

276.2100,
258.4189, 291.2190

 5.7494, 3.8544,
4.8145


329.3524,


 2.7325, 1.5924,

310.2444, 348.9164

2.0820

388.9080,
368.5732, 413.7716


 1.0139, 0.3525,
0.6050


 0.0000, 0.0000,
0.0000


 71.5752, 62.5102,
71.9116


 71.5752, 62.5102,
71.9116

 64.6387, 51.7190,
60.0985


 79.6757, 75.3140,
85.0852

 58.8057, 42.8292,
49.5957

 88.9881, 90.2182,
99.6592

 54.0168, 35.7310,
40.3554

95.0500, 100.0000,
108.9000

 50.2049, 30.2999,
32.3248

■ 47.2944, 26.3952,
25.4470

■ 45.1978, 23.8528,
19.6589

■ 43.8077, 22.4696,
14.8886

■ 43.3782, 22.1153,
13.1896

Harmonies

Analogous

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



69.1255, 62.5102, 89.6253



71.5752, 62.5102, 71.9116



70.5951, 62.5102, 55.8090

Triad

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



71.5752, 62.5102, 71.9116



54.9652, 62.5102, 42.1095



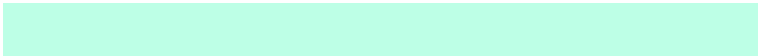
52.8241, 62.5102, 98.0509

Complementary

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



71.5752, 62.5102, 71.9116



71.0314, 88.0530, 88.1186

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.



49.4807, 62.5102, 81.9910



71.5752, 62.5102, 71.9116



50.6577, 62.5102, 50.2701

Square

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



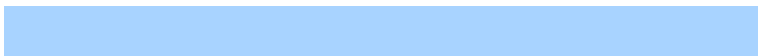
71.5752, 62.5102, 71.9116



60.7431, 62.5102, 40.3270



48.7149, 62.5102, 64.3542



58.1045, 62.5102, 106.2664

Rectangle

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



71.5752, 62.5102, 71.9116



68.1589, 62.5102, 47.8613



48.7149, 62.5102, 64.3542



51.4512, 62.5102, 93.2735

Sweetspot

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



71.5767, 62.5129, 71.9129



86.9100, 86.8783, 96.4503



68.7866, 60.3916, 102.6390



18.2940, 18.1009, 20.1653



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.



71.5767, 62.5129, 71.9129



67.8828, 56.7420, 65.6971



70.3254, 64.7332, 56.9357



18.2940, 18.1009, 20.1653



22.7328, 11.5824, 7.2432



2.2645, 1.1482, 0.9744

Inverse Universe

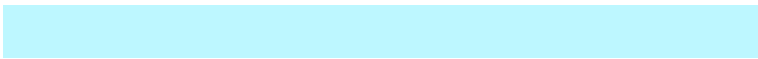
The Inverse Universe completely reimagines the original color for something new.



71.5767, 62.5129, 71.9129



67.8828, 56.7420, 65.6971



72.3906, 84.7452, 107.1498



18.2940, 18.1009, 20.1653



22.7328, 11.5824, 7.2432



2.2645, 1.1482, 0.9744

Previews

White Background



This preview shows how the XYZ color 71.5752, 62.5102, 71.9116 looks on a white background.

Color Contrast Check

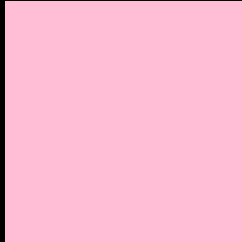
Large Text (above 18pt) WCAG AA × Fail

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 71.5752, 62.5102, 71.9116 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 71.5752, 62.5102, 71.9116

Background



This preview shows how black text looks on a background with the XYZ color 71.5752, 62.5102, 71.9116.



This preview shows how white text looks on a background with the XYZ color 71.5752, 62.5102,

71.9116.

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

71.5752, 62.5102, 71.9116

Protanopia

60.9795, 62.6462, 79.3990

Deuteranopia

64.1343, 62.6955, 71.0086



Tritanopia

70.3060, 62.3055, 66.0782

Trichromacy



Original Color

71.5752, 62.5102, 71.9116

Protanomaly

64.3130, 62.3232, 76.3501

Deuteranomaly

66.9015, 62.7411, 71.5349

Tritanomaly

70.6717, 62.4518, 68.0041

Monochromacy



Original Color

71.5752, 62.5102, 71.9116

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.5980, 64.4838, 71.9400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5752, 62.5102, 71.9116 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, 189, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 214)  
}
```

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, 189, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 214) }
```

Border

The CSS property to change the border of an element to XYZ 71.5752, 62.5102, 71.9116 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, 189, 214) }
```


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

```
.border{ border-color:rgb(255, 189, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5752, 62.5102, 71.9116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 214) }
```

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

```
.background{ background-color: rgb(255,  
189, 214) }
```

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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