

Converting Colors

XYZ(85.0867, 69.0908, 75.2196)

Have a look what the booklet for
XYZ(85.0867, 69.0908, 75.2196)
contains.

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Color

**XYZ(71.8781, 62.2884,
74.5641)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFBCDA |
| RGB | 255, 188, 218 |
| RGB Percent | 100%, 74%, 85% |
| CMY | 0.0000, 0.2627, 0.1451 |
| CMYK | 0.00, 0.26, 0.15, 0.00 |
| HSL | 333°, 100%, 87% |
| HSV | 333°, 26%, 100% |
| XYZ | 71.8781, 62.2884, 74.5641 |
| YIQ | 211.4530, 30.3020, 23.5340 |

Conversions

Conversions Part 2

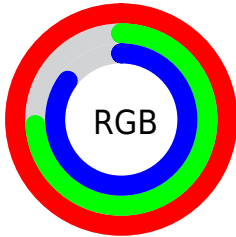
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 188, 218 |
| Decimal | 16760026 |
| CIE Lab | 83.07, 28.53, -5.48 |
| CIE LCh | 83, 29.047, 349.121 |
| Yxy | 62.2884, 0.3444, 0.2984 |
| Android (android.graphics.Color) | 4294950106 (0xFFFFBCDA) |
| YUV | 211.4530, 3.2277, 38.1907 |
| Hunter-Lab | 78.9230, 24.4513, -0.7693 |

Details

The XYZ color **71.8781, 62.2884, 74.5641** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0918, 87.6487, 84.4614**, and the grayscale version is **62.1831, 65.4214, 71.2439**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **38.1619, 31.5649, 38.7316** is the 20% darker color. If you saturate the color by 10%, you get **65.1389, 51.6350, 63.6087**, and if you desaturate by 10%, it is **79.7392, 74.9345, 86.6677**.

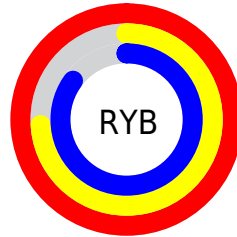
Distribution



Red (100%)

Green (74%)

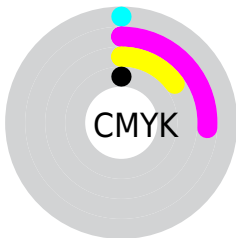
Blue (85%)



Red (100%)

Yellow (74%)

Blue (85%)

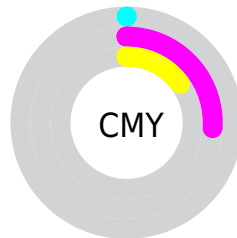


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8781, 62.2884, 74.5641 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 71.8781, 62.2884, 74.5641 by changing the saturation by 10% instead.

71.8781, 62.2884,
74.5641

71.8781, 62.2884,
74.5641

456.2814,
432.9823, 495.6334

53.3442, 45.2658,
54.7563

120.8949,
108.1422, 127.4365

38.3062, 31.6668,
38.8093

152.1086,
137.7422, 161.3383

26.3987, 21.1071,
26.3047

188.2796,
172.3035, 200.7750

17.2564, 13.2023,
16.8240

229.7732,
212.2104, 246.1654

10.5139, 7.5680,
9.9484

276.9549,
257.8473, 297.9278

5.8059, 3.8198,
5.2596

330.1899,

2.7669, 1.5733,

309.5987, 356.4810

2.3390

389.8436,
367.8489, 422.2433

■ 1.0317, 0.3395,
0.7529

■ 0.0000, 0.0000,
0.0000

■ 71.8781, 62.2884,
74.5641

■ 71.8781, 62.2884,
74.5641

■ 65.1389, 51.6350,
63.6087

■ 79.7392, 74.9345,
86.6677

■ 59.4628, 42.8636,
53.7603

■ 88.7685, 89.6607,
99.9509

■ 54.7918, 35.8644,
44.9806

95.0500, 100.0000,
108.9000

■ 51.0605, 30.5134,
37.2271

■ 48.1951, 26.6700,
30.4533

■ 46.1097, 24.1698,
24.6081

■ 44.6983, 22.8084,
19.6321

■ 44.2870, 22.4788,
17.9752

Harmonies

Analogous

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



68.8160, 62.2884, 93.0809



71.8781, 62.2884, 74.5641



71.3679, 62.2884, 57.1072

Triad

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



71.8781, 62.2884, 74.5641



55.3333, 62.2884, 40.1007



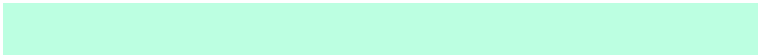
51.6429, 62.2884, 97.4912

Complementary

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



71.8781, 62.2884, 74.5641



70.0918, 87.6487, 84.4614

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.



48.5060, 62.2884, 79.7984



71.8781, 62.2884, 74.5641



50.5301, 62.2884, 47.6029

Square

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



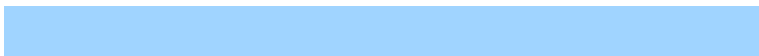
71.8781, 62.2884, 74.5641



61.5130, 62.2884, 39.2009



48.1136, 62.2884, 61.4981



56.9521, 62.2884, 107.7915

Rectangle

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



71.8781, 62.2884, 74.5641



69.0799, 62.2884, 48.2484



48.1136, 62.2884, 61.4981



50.3159, 62.2884, 92.0797

Sweetspot

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



71.8796, 62.2911, 74.5654



87.1226, 86.9633, 97.5698



67.0400, 59.1729, 102.4959



18.3474, 18.1223, 20.4465



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.



71.8796, 62.2911, 74.5654



67.8851, 55.9507, 68.1517



69.0263, 62.3081, 55.9690



18.3474, 18.1223, 20.4465



23.2135, 11.7747, 9.7750



2.3143, 1.1681, 1.2365

Inverse Universe

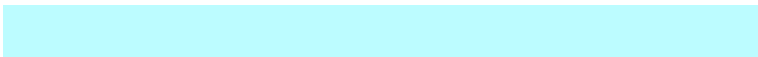
The Inverse Universe completely reimagines the original color for something new.



71.8796, 62.2911, 74.5654



67.8851, 55.9507, 68.1517



73.4912, 87.3135, 107.5875



18.3474, 18.1223, 20.4465



23.2135, 11.7747, 9.7750



2.3143, 1.1681, 1.2365

Previews

White Background



This preview shows how the XYZ color 71.8781, 62.2884, 74.5641 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 71.8781, 62.2884, 74.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

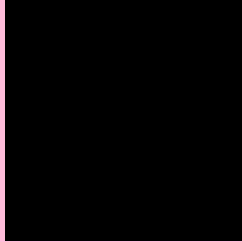
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8781, 62.2884, 74.5641

Background



This preview shows how black text looks on a background with the XYZ color 71.8781, 62.2884, 74.5641.



This preview shows how white text looks on a background with the XYZ color 71.8781, 62.2884,

74.5641.

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

71.8781, 62.2884, 74.5641

Protanopia

61.3910, 62.7789, 83.0106

Deuteranopia

63.7127, 62.4191, 73.6558



Tritanopia

69.9409, 62.1173, 66.0612

Trichromacy



Original Color

71.8781, 62.2884, 74.5641



Protanomaly

64.4455, 61.9711, 79.7991



Deuteranomaly

66.5253, 62.1518, 74.1359



Tritanomaly

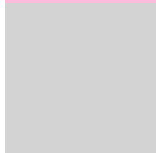
70.7035, 62.1192, 69.2365

Monochromacy



Original Color

71.8781, 62.2884, 74.5641



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.1721, 63.8978, 72.5169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8781, 62.2884, 74.5641 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, 188, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.8781, 62.2884, 74.5641 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, 188, 218) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8781, 62.2884, 74.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 218) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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