

Converting Colors

XYZ(73.4531, 62.9932, 82.6272)

Have a look what the booklet for
XYZ(73.4531, 62.9932, 82.6272)
contains.

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Color

**XYZ(73.3661, 62.8836,
82.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCE5
RGB	255, 188, 229
RGB Percent	100%, 74%, 90%
CMY	0.0000, 0.2627, 0.1020
CMYK	0.00, 0.26, 0.10, 0.00
HSL	323°, 100%, 87%
HSV	323°, 26%, 100%
XYZ	73.3661, 62.8836, 82.3997
YIQ	212.7070, 26.7710, 26.9550

Conversions

Conversions Part 2

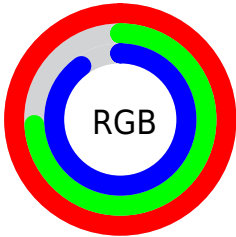
Format	Color
R _Y B	255, 188, 229
Decimal	16760037
CIE Lab	83.38, 30.29, -10.91
CIE LCh	83, 32.196, 340.191
Yxy	62.8836, 0.3355, 0.2876
Android (android.graphics.Color)	4294950117 (0xFFFFBCE5)
YUV	212.7070, 8.0324, 37.0910
Hunter-Lab	79.2992, 26.3713, -6.0988

Details

The XYZ color **73.3661, 62.8836, 82.3997** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.6387, 87.0674, 76.8096**, and the grayscale version is **62.9871, 66.2673, 72.1651**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **39.1910, 31.9765, 44.1509** is the 20% darker color. If you saturate the color by 10%, you get **67.0497, 52.3993, 73.6707**, and if you desaturate by 10%, it is **80.7265, 75.3294, 91.8670**.

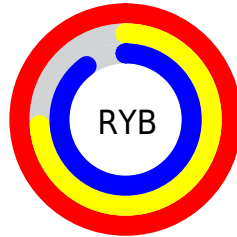
Distribution



Red (100%)

Green (74%)

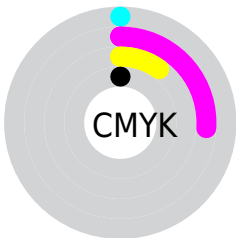
Blue (90%)



Red (100%)

Yellow (74%)

Blue (90%)

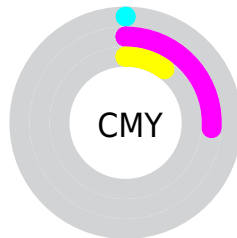


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3661, 62.8836, 82.3997 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 73.3661, 62.8836, 82.3997 by changing the saturation by 10% instead.


 73.3661, 62.8836,
82.3997

 73.3661, 62.8836,
82.3997


461.3668,
435.1469, 522.9022

 54.5648, 45.7470,
61.1573

 122.9971,
109.0016, 138.5761

 39.2859, 32.0463,
43.9208

154.5576,
138.7518, 174.3472

 27.1639, 21.3968,
30.2715


191.1018,
173.4753, 215.7982

 17.8336, 13.4144,
19.7909


232.9951,
213.5566, 263.3478

 10.9295, 7.7145,
12.0606

280.6030,
259.3800, 317.4145

 6.0864, 3.9128,
6.6619

334.2906,

 2.9389, 1.6249,

311.3299, 378.4167

3.1764

394.4235,
369.7908, 446.7731

■ 1.1215, 0.3743,
1.1854

■ 0.0430, 0.0000,
0.0000

■ 73.3661, 62.8836,
82.3997

■ 73.3661, 62.8836,
82.3997

■ 67.0497, 52.3993,
73.6707

■ 80.7265, 75.3294,
91.8670

■ 61.7211, 43.7669,
65.6524

■ 89.1749, 89.8232,
102.0910

■ 57.3250, 36.8777,
58.3205

95.0500, 100.0000,
108.9000

■ 53.7990, 31.6088,
51.6476

■ 51.0720, 27.8208,
45.6030

■ 49.0615, 25.3505,
40.1521

■ 47.6647, 23.9950,
35.2531

■ 47.2442, 23.6617,
33.5476

Harmonies

Analogous

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



68.8948, 62.8836, 102.3877



73.3661, 62.8836, 82.3997



74.0386, 62.8836, 61.8649

Triad

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



73.3661, 62.8836, 82.3997



57.4160, 62.8836, 37.0742



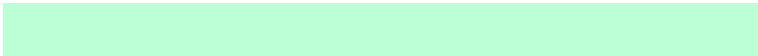
50.0539, 62.8836, 96.5200

Complementary

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



73.3661, 62.8836, 82.3997



68.6387, 87.0674, 76.8096

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.



47.4618, 62.8836, 75.5282



73.3661, 62.8836, 82.3997



51.4868, 62.8836, 43.0154

Square

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



73.3661, 62.8836, 82.3997



64.4533, 62.8836, 38.1979



47.9651, 62.8836, 56.2051



55.3173, 62.8836, 111.5802

Rectangle

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



73.3661, 62.8836, 82.3997



72.1908, 62.8836, 50.8361



47.9651, 62.8836, 56.2051



48.8606, 62.8836, 89.7712

Sweetspot

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



73.3675, 62.8862, 82.4010



87.6353, 87.1684, 100.2694



63.6748, 57.4381, 102.3384



18.4765, 18.1739, 21.1263



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.



73.3675, 62.8862, 82.4010



69.6246, 56.6465, 77.3119



69.1680, 61.2064, 60.2868



18.4765, 18.1739, 21.1263



24.7615, 12.3939, 17.9262



2.4645, 1.2282, 2.0275

Inverse Universe

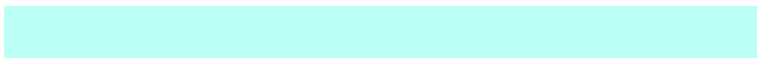
The Inverse Universe completely reimagines the original color for something new.



73.3675, 62.8862, 82.4010



69.6246, 56.6465, 77.3119



73.3174, 88.9389, 101.4473



18.4765, 18.1739, 21.1263



24.7615, 12.3939, 17.9262



2.4645, 1.2282, 2.0275

Previews

White Background



This preview shows how the XYZ color 73.3661, 62.8836, 82.3997 looks on a white background.

Color Contrast Check

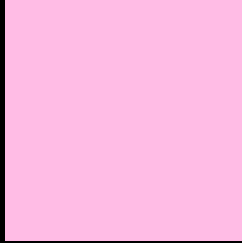
Large Text (above 18pt) WCAG AA × Fail

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 73.3661, 62.8836, 82.3997 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 73.3661, 62.8836, 82.3997

Background



This preview shows how black text looks on a background with the XYZ color 73.3661, 62.8836, 82.3997.



This preview shows how white text looks on a background with the XYZ color 73.3661, 62.8836,

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

73.3661, 62.8836, 82.3997

Protanopia

62.3056, 63.0500, 92.1051

Deuteranopia

64.3632, 62.9477, 80.7093



Tritanopia

70.2570, 62.8997, 67.4694

Trichromacy



Original Color

73.3661, 62.8836, 82.3997



Protanomaly

65.5283, 62.3334, 88.6986



Deuteranomaly

67.4357, 62.8022, 81.2408



Tritanomaly

71.4046, 63.0505, 72.6965

Monochromacy



Original Color

73.3661, 62.8836, 82.3997



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.3740, 64.7942, 76.0261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3661, 62.8836, 82.3997 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.3661, 62.8836, 82.3997 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, 229) }
```


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

```
.border{ border-color:rgb(255, 188, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3661, 62.8836, 82.3997 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
188, 229) }
```

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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