

Converting Colors

XYZ(72.1001, 59.8961, 83.3816)

Have a look what the booklet for
XYZ(72.1001, 59.8961, 83.3816)
contains.

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Color

**XYZ(72.1877, 60.0773,
83.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5E7
RGB	255, 181, 231
RGB Percent	100%, 71%, 91%
CMY	0.0000, 0.2902, 0.0941
CMYK	0.00, 0.29, 0.09, 0.00
HSL	319°, 100%, 85%
HSV	319°, 29%, 100%
XYZ	72.1877, 60.0773, 83.3927
YIQ	208.8260, 28.0540, 31.2380

Conversions

Conversions Part 2

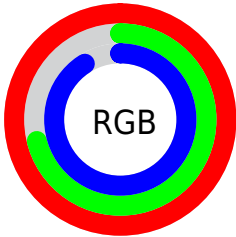
Format	Color
R _Y B	255, 181, 231
Decimal	16758247
CIE Lab	81.88, 34.29, -14.23
CIE LCh	82, 37.126, 337.466
Yxy	60.0773, 0.3347, 0.2786
Android (android.graphics.Color)	4294948327 (0xFFFFB5E7)
YUV	208.8260, 10.9318, 40.4946
Hunter-Lab	77.5095, 30.6024, -9.5336

Details

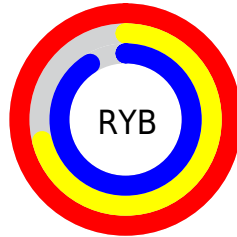
The XYZ color **72.1877, 60.0773, 83.3927** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.8375, 85.7525, 70.8426**, and the grayscale version is **60.4105, 63.5566, 69.2131**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **38.3532, 30.1442, 44.3544** is the 20% darker color. If you saturate the color by 10%, you get **66.3287, 50.1847, 75.8125**, and if you desaturate by 10%, it is **79.0535, 71.8947, 91.5825**.

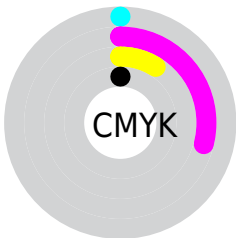
Distribution



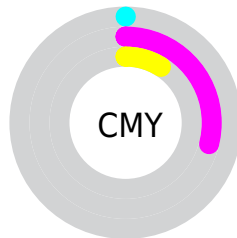
- Red (100%)
- Green (71%)
- Blue (91%)



- Red (100%)
- Yellow (71%)
- Blue (91%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1877, 60.0773, 83.3927 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 72.1877, 60.0773, 83.3927 by changing the saturation by 10% instead.

72.1877, 60.0773,
83.3927

72.1877, 60.0773,
83.3927

457.3421,
424.8826, 526.2996

53.5980, 43.4809,
61.9717

121.3327,
104.9418, 139.9795

38.5098, 30.2627,
44.5742

152.6188,
133.9787, 175.9823

26.5576, 20.0380,
30.7816

188.8677,
167.9313, 217.6828

17.3761, 12.4227,
20.1756

230.4447,
207.1839, 265.4996

10.6000, 7.0322,
12.3374

277.7154,
252.1209, 319.8511

5.8638, 3.4823,
6.8486

331.0449,

2.8023, 1.3884,

303.1268, 381.1559

3.2906

390.7987,
360.5859, 449.8326

■ 1.0501, 0.2081,
1.2448

■ 0.0000, 0.0000,
0.0159

■ 72.1877, 60.0773,
83.3927

■ 72.1877, 60.0773,
83.3927

■ 66.3287, 50.1847,
75.8125

■ 79.0535, 71.8947,
91.5825

■ 61.4199, 42.1055,
68.8168

■ 86.9706, 85.7256,
100.3979

■ 57.4050, 35.7283,
62.3840

95.0500, 100.0000,
108.9000

■ 54.2201, 30.9263,
56.4887

■ 51.7922, 27.5549,
51.1028

■ 50.0347, 25.4425,
46.1934

■ 48.8204, 24.3357,
41.7138

■ 48.7147, 24.2499,
41.2913

Harmonies

Analogous

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



66.7711, 60.0773, 106.0118



72.1877, 60.0773, 83.3927



73.3904, 60.0773, 59.9628

Triad

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



72.1877, 60.0773, 83.3927



55.1651, 60.0773, 31.2661



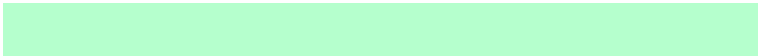
45.9531, 60.0773, 95.3467

Complementary

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



72.1877, 60.0773, 83.3927



65.8375, 85.7525, 70.8426

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.



43.4212, 60.0773, 71.1859



72.1877, 60.0773, 83.3927



48.4140, 60.0773, 36.7828

Square

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



72.1877, 60.0773, 83.3927



63.0756, 60.0773, 33.0917



44.2791, 60.0773, 50.2249



51.5174, 60.0773, 113.9420

Rectangle

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



72.1877, 60.0773, 83.3927



71.5485, 60.0773, 47.4538



44.2791, 60.0773, 50.2249



44.7435, 60.0773, 87.4151

Sweetspot

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



72.1891, 60.0798, 83.3939



86.9852, 85.7512, 100.4136



59.5970, 53.1695, 101.7294



18.3574, 17.8959, 21.2096



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.



72.1891, 60.0798, 83.3939



68.5656, 53.9355, 78.7865



67.5670, 58.2310, 59.0547



18.5274, 18.1943, 21.3942



25.5259, 12.6997, 21.9518



2.5355, 1.2566, 2.4015

Inverse Universe

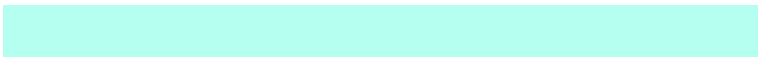
The Inverse Universe completely reimagines the original color for something new.



72.1891, 60.0798, 83.3939



68.5656, 53.9355, 78.7865



70.7596, 87.7214, 96.7622



18.5274, 18.1943, 21.3942



25.5259, 12.6997, 21.9518



2.5355, 1.2566, 2.4015

Previews

White Background



This preview shows how the XYZ color 72.1877, 60.0773, 83.3927 looks on a white background.

Color Contrast Check

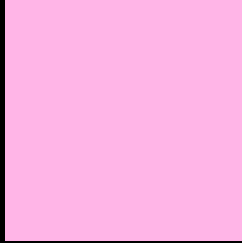
Large Text (above 18pt) WCAG AA × Fail

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 72.1877, 60.0773, 83.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

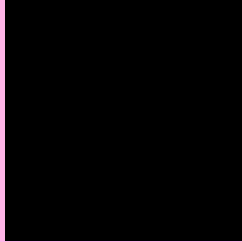
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1877, 60.0773, 83.3927

Background



This preview shows how black text looks on a background with the XYZ color 72.1877, 60.0773, 83.3927.



This preview shows how white text looks on a background with the XYZ color 72.1877, 60.0773,

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

72.1877, 60.0773, 83.3927

Protanopia

60.1076, 60.4357, 94.8835

Deuteranopia

61.8676, 60.5944, 81.8339



Tritanopia

67.8852, 59.8441, 63.2315

Trichromacy



Original Color

72.1877, 60.0773, 83.3927



Protanomaly

63.6352, 59.6266, 90.5932



Deuteranomaly

64.9874, 59.8504, 82.2558



Tritanomaly

69.1690, 59.7299, 70.1708

Monochromacy



Original Color

72.1877, 60.0773, 83.3927



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.3118, 62.0254, 74.2281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1877, 60.0773, 83.3927 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, 181, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 231)  
}
```

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, 181, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 231) }
```

Border

The CSS property to change the border of an element to XYZ 72.1877, 60.0773, 83.3927 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, 181, 231) }
```


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

```
.border{ border-color:rgb(255, 181, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1877, 60.0773, 83.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 231) }
```

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

```
.background{ background-color: rgb(255,  
181, 231) }
```

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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