

Converting Colors

XYZ(72.1374, 60.9295,
102.5663)

Have a look what the booklet for
XYZ(72.1374, 60.9295, 102.5663)
contains.

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Color

**XYZ(72.0169, 60.7952,
102.5467)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B9FF
RGB	242, 185, 255
RGB Percent	95%, 73%, 100%
CMY	0.0510, 0.2745, 0.0000
CMYK	0.05, 0.27, 0.00, 0.00
HSL	289°, 100%, 86%
HSV	289°, 27%, 100%
XYZ	72.0169, 60.7952, 102.5467
YIQ	210.0230, 11.5020, 33.8540

Conversions

Conversions Part 2

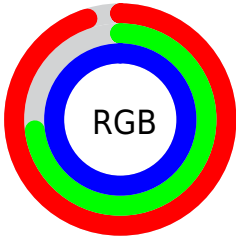
Format	Color
R_{YB}	242, 185, 255
Decimal	15907327
CIE _{Lab}	82.27, 32.26, -26.61
CIE _{LCh}	82, 41.820, 320.476
Yxy	60.7952, 0.3060, 0.2583
Android (android.graphics.Color)	4294097407 (0xFFFF2B9FF)
YUV	210.0230, 22.1737, 28.0438
Hunter-Lab	77.9713, 28.4189, -23.3975

Details

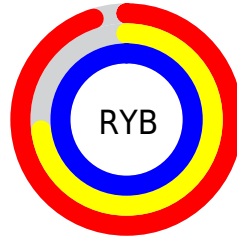
The XYZ color **72.0169, 60.7952, 102.5467** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.8072, 87.0293, 59.1264**, and the grayscale version is **61.1291, 64.3125, 70.0363**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **38.3169, 30.6241, 57.3176** is the 20% darker color. If you saturate the color by 10%, you get **65.5493, 50.2409, 100.8504**, and if you desaturate by 10%, it is **79.4867, 73.2896, 104.5646**.

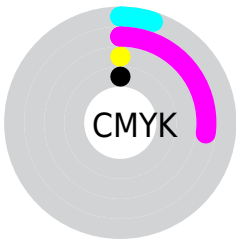
Distribution



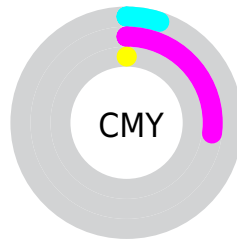
- Red (95%)
- Green (73%)
- Blue (100%)



- Red (95%)
- Yellow (73%)
- Blue (100%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0169, 60.7952, 102.5467 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 72.0169, 60.7952, 102.5467 by changing the saturation by 10% instead.


 72.0169, 60.7952,
102.5467

 72.0169, 60.7952,
102.5467


456.7571,
427.5227, 589.6434

 53.4580, 44.0599,
77.8004


 121.0912,
105.9823, 166.7349

 38.3975, 30.7176,
57.3945

152.3374,
135.2030, 207.0138

 26.4699, 20.3839,
40.9106


188.5433,
169.3542, 253.3074

 17.3100, 12.6744,
27.9301

230.0743,
208.8204, 306.0341

 10.5525, 7.2047,
18.0344

277.2959,
253.9859, 365.6125

 5.8318, 3.5905,
10.8050

330.5733,

 2.7828, 1.4472,

305.2352, 432.4612

5.8233

390.2719,
362.9527, 506.9986

■ 1.0400, 0.2511,
2.6709

■ 0.0000, 0.0000,
0.9287

■ 72.0169, 60.7952,
102.5467

■ 72.0169, 60.7952,
102.5467

■ 65.5493, 50.2409,
100.8504

■ 79.4867, 73.2896,
104.5646

■ 60.0272, 41.5165,
99.4574

■ 88.0012, 87.8111,
106.9188

■ 55.3961, 34.5126,
98.3496

95.0500, 100.0000,
108.9000

■ 51.5936, 29.1049,
97.5063

■ 48.5489, 25.1520,
96.9038

■ 46.1785, 22.4877,
96.5144

■ 44.3738, 20.8952,
96.3022

■ 43.9629, 20.5786,
96.2627

Harmonies

Analogous

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



63.9803, 60.7952, 123.5521



72.0169, 60.7952, 102.5467



76.3602, 60.7952, 74.6418

Triad

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



72.0169, 60.7952, 102.5467



60.6625, 60.7952, 28.6672



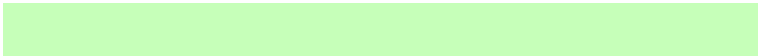
43.1874, 60.7952, 84.8654

Complementary

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



72.0169, 60.7952, 102.5467



67.8072, 87.0293, 59.1264

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.



42.4949, 60.7952, 58.4119



72.0169, 60.7952, 102.5467



52.0013, 60.7952, 30.0756

Square

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



72.0169, 60.7952, 102.5467



69.3749, 60.7952, 35.1280



45.5620, 60.7952, 39.6447



47.5619, 60.7952, 111.6605

Rectangle

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



72.0169, 60.7952, 102.5467



76.3008, 60.7952, 57.6773



45.5620, 60.7952, 39.6447



42.5351, 60.7952, 75.5139

Sweetspot

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



72.0187, 60.7977, 102.5471



87.5039, 86.9564, 106.7801



58.4833, 58.3838, 102.7945



18.4425, 18.1198, 22.7754



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.



72.0187, 60.7977, 102.5471



68.3073, 54.7049, 101.5667



73.4416, 61.9008, 85.9204



18.4425, 18.1198, 22.7754



23.0904, 10.8140, 50.3049



2.3299, 1.0950, 4.9018

Inverse Universe

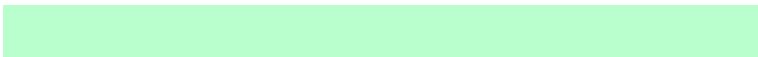
The Inverse Universe completely reimagines the original color for something new.



68.7835, 60.0376, 61.3914



64.6883, 53.8947, 53.7139



66.9099, 86.2914, 71.5243



18.1471, 18.0422, 19.3920



21.8599, 11.2332, 2.6466



2.1635, 1.1078, 0.4425

Previews

White Background



This preview shows how the XYZ color 72.0169, 60.7952, 102.5467 looks on a white background.

Color Contrast Check

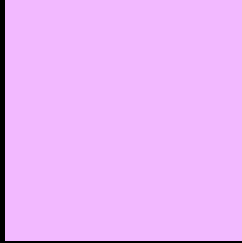
Large Text (above 18pt) WCAG AA × Fail

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 72.0169, 60.7952, 102.5467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

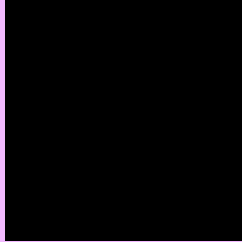
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0169, 60.7952, 102.5467

Background



This preview shows how black text looks on a background with the XYZ color 72.0169, 60.7952, 102.5467.

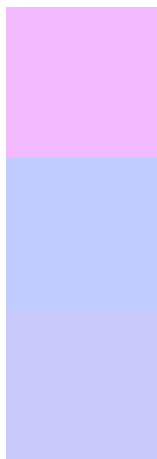


This preview shows how white text looks on a background with the XYZ color 72.0169, 60.7952,

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

72.0169, 60.7952, 102.5467

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.5447, 61.2191, 100.6155



Tritanopia

65.0614, 60.8492, 68.6376

Trichromacy



Original Color

72.0169, 60.7952, 102.5467



Protanomaly

64.3683, 60.4015, 102.8738



Deuteranomaly

65.5636, 60.7210, 101.1933



Tritanomaly

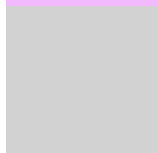
67.6182, 60.9297, 80.1483

Monochromacy



Original Color

72.0169, 60.7952, 102.5467



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.7383, 62.7939, 80.6599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0169, 60.7952, 102.5467 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(242, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 255)  
}
```

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(242, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.0169, 60.7952, 102.5467 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(242, 185, 255) }
```


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

```
.border{ border-color:rgb(242, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0169, 60.7952, 102.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 255) }
```

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

```
.background{ background-color: rgb(242,  
185, 255) }
```

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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