

Converting Colors

XYZ(72.6850, 67.5459,
103.8145)

Have a look what the booklet for
XYZ(72.6850, 67.5459, 103.8145)
contains.

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Color

**XYZ(72.5979, 67.3947,
103.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CCFF
RGB	231, 204, 255
RGB Percent	91%, 80%, 100%
CMY	0.0941, 0.2000, 0.0000
CMYK	0.09, 0.20, 0.00, 0.00
HSL	272°, 100%, 90%
HSV	272°, 20%, 100%
XYZ	72.5979, 67.3947, 103.7899
YIQ	217.8870, -0.2790, 21.5850

Conversions

Conversions Part 2

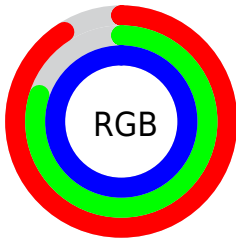
Format	Color
R_{YB}	231, 204, 255
Decimal	15191295
CIE _{Lab}	85.70, 18.68, -21.48
CIE _{LCh}	86, 28.466, 311.005
Yxy	67.3947, 0.2978, 0.2765
Android (android.graphics.Color)	4293381375 (0xFFE7CCFF)
YUV	217.8870, 18.2967, 11.5001
Hunter-Lab	82.0943, 14.1868, -17.4930

Details

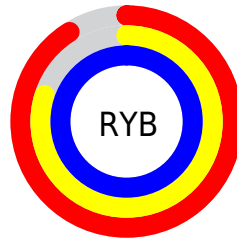
The XYZ color **72.5979, 67.3947, 103.7899** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.6556, 92.3743, 70.8144**, and the grayscale version is **66.4426, 69.9027, 76.1241**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7786, 35.0039, 58.1387** is the 20% darker color. If you saturate the color by 10%, you get **63.2851, 54.3226, 101.7576**, and if you desaturate by 10%, it is **83.1722, 82.5937, 106.1663**.

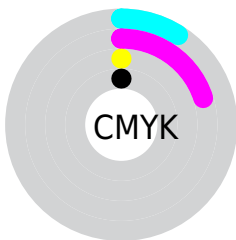
Distribution



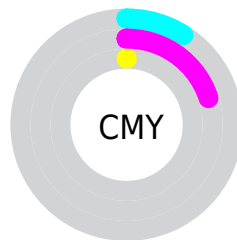
- Red (91%)
- Green (80%)
- Blue (100%)



- Red (91%)
- Yellow (80%)
- Blue (100%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5979, 67.3947, 103.7899 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 72.5979, 67.3947, 103.7899 by changing the saturation by 10% instead.

72.5979, 67.3947,
103.7899

72.5979, 67.3947,
103.7899

458.7454,
451.3484, 593.6264

53.9344, 49.4055,
78.8349

121.9124,
115.4858, 168.4528

38.7797, 34.9412,
58.2396

153.2942,
146.3564, 208.9979

26.7684, 23.6176,
41.5853

189.6461,
182.2897, 255.5767

17.5350, 15.0502,
28.4536

231.3335,
223.6699, 308.6079

10.7143, 8.8546,
18.4258

278.7218,
270.8815, 368.5099

5.9410, 4.6465,
11.0836

332.1763,

2.8495, 2.0414,

324.3088, 435.7013

6.0082

392.0624,
384.3363, 510.6006

■ 1.0747, 0.6313,
2.7812

■ 0.0038, 0.0000,
0.9840

■ 72.5979, 67.3947,
103.7899

■ 72.5979, 67.3947,
103.7899

■ 63.2851, 54.3226,
101.7576

■ 83.1722, 82.5937,
106.1663

■ 55.1747, 43.2698,
100.0516

95.0500, 100.0000,
108.9000

■ 48.2109, 34.1319,
98.6549

■ 42.3307, 26.7912,
97.5479

■ 37.4643, 21.1169,
96.7091

■ 33.5324, 16.9592,
96.1138

■ 30.4414, 14.1402,
95.7326

■ 28.0419, 12.3711,
95.5176

■ 28.0415, 12.3708,
95.5176

Harmonies

Analogous

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



66.4683, 67.3947, 114.3490



72.5979, 67.3947, 103.7899



76.5950, 67.3947, 85.6390

Triad

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



72.5979, 67.3947, 103.7899



68.2047, 67.3947, 44.5113



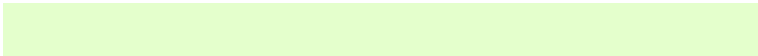
52.5717, 67.3947, 80.4170

Complementary

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



72.5979, 67.3947, 103.7899



78.6556, 92.3743, 70.8144

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.



52.9672, 67.3947, 62.3530



72.5979, 67.3947, 103.7899



61.7040, 67.3947, 43.5941

Square

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



72.5979, 67.3947, 103.7899



73.9426, 67.3947, 52.3419



56.2130, 67.3947, 49.5809



55.0936, 67.3947, 99.4159

Rectangle

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



72.5979, 67.3947, 103.7899



77.3609, 67.3947, 72.7564



56.2130, 67.3947, 49.5809



52.3725, 67.3947, 74.0099

Sweetspot

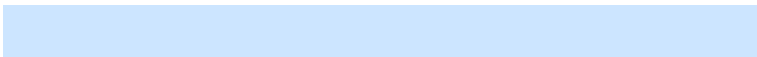
The Sweet Spot groups the original color and five complimentary colors.



72.5998, 67.3975, 103.7903



87.7623, 89.2836, 107.2156



70.8765, 75.9047, 105.5232



18.6212, 18.8712, 22.9110



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.



72.5998, 67.3975, 103.7903



68.7240, 61.9157, 102.9365



80.7475, 71.6136, 103.4589



17.9211, 17.8511, 22.7510



14.8263, 6.5537, 49.9181



1.5698, 0.7032, 4.8663

Inverse Universe

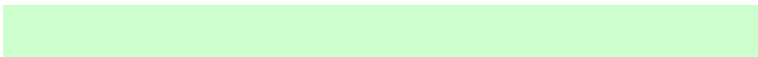
The Inverse Universe completely reimagines the original color for something new.



76.8381, 70.0498, 82.8721



73.7527, 65.0608, 78.2006



71.6652, 88.7589, 71.0209



18.3652, 18.1294, 20.5403



23.3943, 11.8470, 10.7267



2.3325, 1.1754, 1.3322

Previews

White Background



This preview shows how the XYZ color 72.5979, 67.3947, 103.7899 looks on a white background.

Color Contrast Check

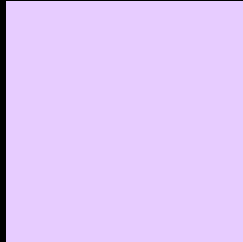
Large Text (above 18pt) WCAG AA × Fail

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 72.5979, 67.3947, 103.7899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

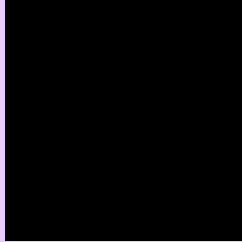
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5979, 67.3947, 103.7899

Background



This preview shows how black text looks on a background with the XYZ color 72.5979, 67.3947, 103.7899.

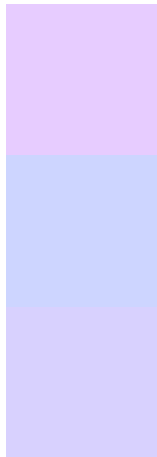


This preview shows how white text looks on a background with the XYZ color 72.5979, 67.3947,

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

72.5979, 67.3947, 103.7899

Protanopia

67.0211, 67.7876, 104.1597

Deuteranopia

69.0088, 67.3556, 103.1297



Tritanopia

67.8920, 67.2607, 81.3558

Trichromacy



Original Color

72.5979, 67.3947, 103.7899

Protanomaly

68.8281, 67.6093, 104.0300

Deuteranomaly

70.0210, 67.1536, 103.0374

Tritanomaly

69.5938, 67.2341, 89.4302

Monochromacy



Original Color

72.5979, 67.3947, 103.7899

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.6495, 69.0460, 85.3103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5979, 67.3947, 103.7899 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(231, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 204, 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(231, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.5979, 67.3947, 103.7899 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(231, 204, 255) }
```


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

```
.border{ border-color:rgb(231, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5979, 67.3947, 103.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 204, 255) }
```

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

```
.background{ background-color: rgb(231,  
204, 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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