

Converting Colors

XYZ(71.3993, 67.1493,
102.9639)

Have a look what the booklet for
XYZ(71.3993, 67.1493, 102.9639)
contains.

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Color

**XYZ(71.3993, 67.1493,
102.9639)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CDFE
RGB	227, 205, 254
RGB Percent	89%, 80%, 100%
CMY	0.1098, 0.1961, 0.0039
CMYK	0.11, 0.19, 0.00, 0.00
HSL	267°, 96%, 90%
HSV	267°, 19%, 100%
XYZ	71.3993, 67.1493, 102.9639
YIQ	217.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

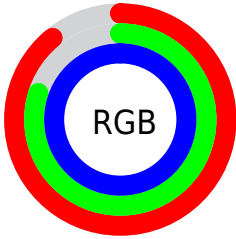
Format	Color
R _Y B	227, 205, 254
Decimal	14929406
CIE Lab	85.58, 16.68, -21.17
CIE LCh	86, 26.953, 308.234
Yxy	67.1493, 0.2956, 0.2780
Android (android.graphics.Color)	4293119486 (0xFFE3CDFE)
YUV	217.1640, 18.1601, 8.6262
Hunter-Lab	81.9447, 12.1258, -17.1369

Details

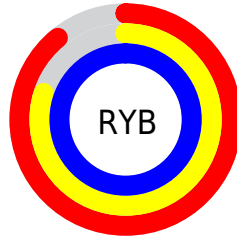
The XYZ color **71.3993, 67.1493, 102.9639** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7422, 92.4489, 71.4023**, and the grayscale version is **65.9482, 69.3827, 75.5577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9392, 34.8224, 57.5451** is the 20% darker color. If you saturate the color by 10%, you get **61.5734, 53.7860, 100.9035**, and if you desaturate by 10%, it is **82.5745, 82.6758, 105.3729**.

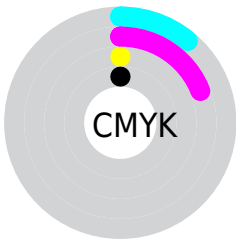
Distribution



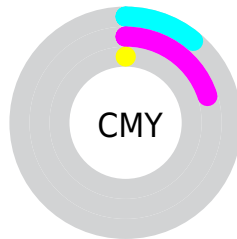
- Red (89%)
- Green (80%)
- Blue (100%)



- Red (89%)
- Yellow (80%)
- Blue (100%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3993, 67.1493, 102.9639 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 71.3993, 67.1493, 102.9639 by changing the saturation by 10% instead.

71.3993, 67.1493,
102.9639

71.3993, 67.1493,
102.9639

454.6382,
450.4760, 590.9816

52.9518, 49.2060,
78.1475

120.2175,
115.1343, 167.3116

37.9916, 34.7829,
57.6780

151.3190,
145.9448, 207.6800

26.1534, 23.4957,
41.1368

187.3692,
181.8131, 254.0694

17.0717, 14.9599,
28.1055

228.7334,
223.1236, 306.8985

10.3812, 8.7913,
18.1655

275.7771,
270.2608, 366.5857

5.7167, 4.6053,
10.8982

328.8656,

2.7126, 2.0176,

323.6090, 433.5496

5.8851

388.3642,
383.5526, 508.2087

■ 1.0037, 0.6177,
2.7077

■ 0.0000, 0.0000,
0.9473

■ 71.3993, 67.1493,
102.9639

■ 71.3993, 67.1493,
102.9639

■ 61.5734, 53.7860,
100.9035

■ 82.5745, 82.6758,
105.3729

■ 53.0347, 42.4781,
99.1708

94.8879, 99.9349,
108.0552

■ 45.7248, 33.1208,
97.7500

94.8896, 99.9358,
108.0553

■ 39.5783, 25.5967,
96.6216

■ 34.5228, 19.7753,
95.7645

■ 30.4764, 15.5078,
95.1540

■ 27.3435, 12.6183,
94.7614

■ 24.9834, 10.8419,
94.5429

■ 24.8337, 10.7357,
94.5303

Harmonies

Analogous

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



65.5263, 67.1493, 111.8693



71.3993, 67.1493, 102.9639



75.4075, 67.1493, 86.3596

Triad

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



71.3993, 67.1493, 102.9639



68.2947, 67.1493, 46.0317



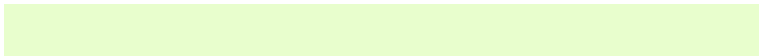
52.8544, 67.1493, 78.0559

Complementary

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



71.3993, 67.1493, 102.9639



79.7422, 92.4489, 71.4023

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.



53.4909, 67.1493, 61.2975



71.3993, 67.1493, 102.9639



62.1502, 67.1493, 44.5360

Square

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



71.3993, 67.1493, 102.9639



73.5367, 67.1493, 54.1499



56.8033, 67.1493, 49.6751



55.0055, 67.1493, 96.0579

Rectangle

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



71.3993, 67.1493, 102.9639



76.3443, 67.1493, 74.1595



56.8033, 67.1493, 49.6751



52.7523, 67.1493, 72.0787

Sweetspot

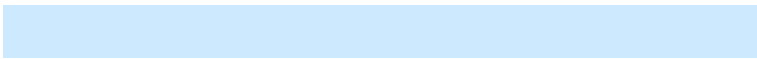
The Sweet Spot groups the original color and five complimentary colors.



71.4014, 67.1521, 102.9654



87.3278, 89.0596, 107.1953



72.1415, 78.2831, 105.0749



18.5185, 18.8183, 22.9062



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.



71.4014, 67.1521, 102.9654



68.2023, 62.4954, 103.0759



79.4103, 71.2809, 103.3402



17.7774, 17.7770, 22.7443



13.2567, 5.7446, 49.8447



1.4144, 0.6230, 4.8590

Inverse Universe

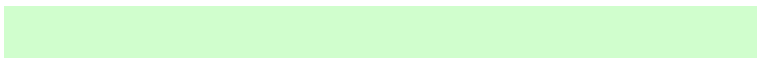
The Inverse Universe completely reimagines the original color for something new.



77.2721, 70.5625, 85.8941



75.1556, 66.5366, 82.7681



72.5511, 88.7417, 71.0658



18.4283, 18.1546, 20.8725



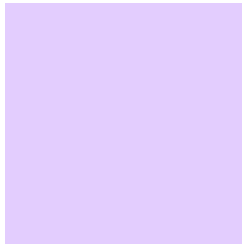
24.1185, 12.1367, 14.5404



2.4034, 1.2037, 1.7058

Previews

White Background



This preview shows how the XYZ color 71.3993, 67.1493, 102.9639 looks on a white background.

Color Contrast Check

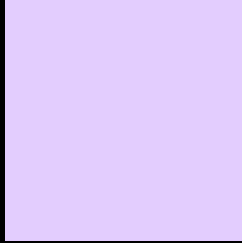
Large Text (above 18pt) WCAG AA × Fail

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 71.3993, 67.1493, 102.9639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

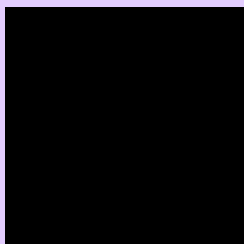
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3993, 67.1493, 102.9639

Background



This preview shows how black text looks on a background with the XYZ color 71.3993, 67.1493, 102.9639.

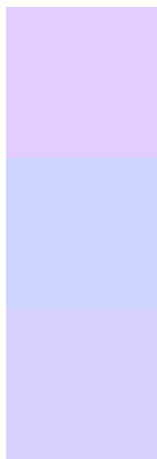


This preview shows how white text looks on a background with the XYZ color 71.3993, 67.1493,

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

71.3993, 67.1493, 102.9639

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

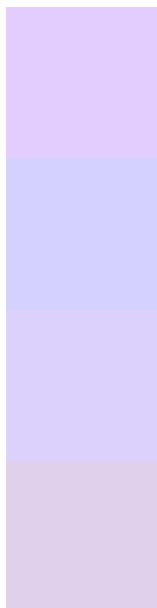
68.8490, 67.2917, 102.2884



Tritanopia

67.2055, 67.2721, 81.3942

Trichromacy



Original Color

71.3993, 67.1493, 102.9639

Protanomaly

68.2910, 66.9671, 103.9344

Deuteranomaly

69.8007, 67.4192, 102.2628

Tritanomaly

68.4367, 67.0152, 88.6851

Monochromacy



Original Color

71.3993, 67.1493, 102.9639

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.8960, 68.6738, 84.5398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3993, 67.1493, 102.9639 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(227, 205, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 254)  
}
```

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(227, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 254) }
```

Border

The CSS property to change the border of an element to XYZ 71.3993, 67.1493, 102.9639 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(227, 205, 254) }
```


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

```
.border{ border-color:rgb(227, 205, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 205, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3993, 67.1493, 102.9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 205, 254) }
```

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

```
.background{ background-color: rgb(227,  
205, 254) }
```

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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