

Converting Colors

XYZ(71.9699, 63.3555,
128.1305)

Have a look what the booklet for
XYZ(71.9699, 63.3555, 128.1305)
contains.

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Color

**XYZ(67.3839, 61.6224,
102.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC3FF
RGB	221, 195, 255
RGB Percent	87%, 76%, 100%
CMY	0.1333, 0.2353, 0.0000
CMYK	0.13, 0.24, 0.00, 0.00
HSL	266°, 100%, 88%
HSV	266°, 24%, 100%
XYZ	67.3839, 61.6224, 102.9505
YIQ	209.6140, -3.7640, 24.1720

Conversions

Conversions Part 2

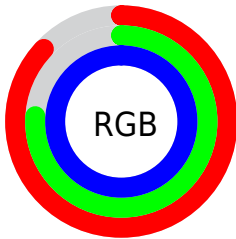
Format	Color
RYB	221, 195, 255
Decimal	14533631
CIELab	82.71, 20.35, -26.11
CIELCh	83, 33.103, 307.941
Yxy	61.6224, 0.2905, 0.2657
Android (android.graphics.Color)	4292723711 (0xFFDDC3FF)
YUV	209.6140, 22.3753, 9.9855
Hunter-Lab	78.4999, 15.8485, -22.8072

Details

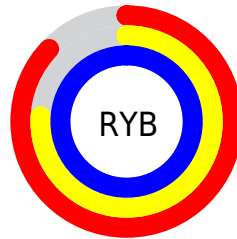
The XYZ color **67.3839, 61.6224, 102.9505** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9248, 92.1188, 65.3063**, and the grayscale version is **60.8671, 64.0369, 69.7362**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **35.2350, 31.1263, 57.5770** is the 20% darker color. If you saturate the color by 10%, you get **57.9392, 48.9851, 101.0091**, and if you desaturate by 10%, it is **78.1864, 76.4111, 105.2357**.

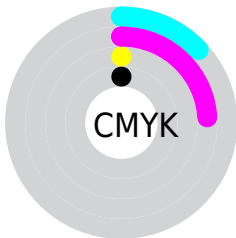
Distribution



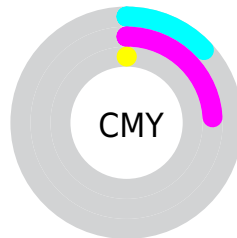
- Red (87%)
- Green (76%)
- Blue (100%)



- Red (87%)
- Yellow (76%)
- Blue (100%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3839, 61.6224, 102.9505 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 67.3839, 61.6224, 102.9505 by changing the saturation by 10% instead.

67.3839, 61.6224,
102.9505

67.3839, 61.6224,
102.9505

440.7211,
430.5524, 590.9387

49.6685, 44.7277,
78.1363

114.5171,
107.1796, 167.2931

35.3668, 31.2430,
57.6689

144.6656,
136.6109, 207.6586

24.1134, 20.7839,
41.1296

179.6892,
170.9897, 254.0450

15.5430, 12.9662,
28.0999

219.9533,
210.7007, 306.8708

9.2901, 7.4052,
18.1613

265.8231,
256.1280, 366.5545

4.9895, 3.7168,
10.8952

317.6641,

2.2758, 1.5164,

307.6561, 433.5147

5.8831

375.8417,
365.6695, 508.1699

■ 0.7822, 0.3003,
2.7065

■ 0.0000, 0.0000,
0.9467

■ 67.3839, 61.6224,
102.9505

■ 67.3839, 61.6224,
102.9505

■ 57.9392, 48.9851,
101.0091

■ 78.1864, 76.4111,
105.2357

■ 49.7880, 38.3878,
99.3932

■ 90.3967, 93.4405,
107.8791

■ 42.8683, 29.7199,
98.0849

95.0500, 100.0000,
108.9000

■ 37.1103, 22.8574,
97.0637

■ 32.4364, 17.6608,
96.3070

■ 28.7577, 13.9694,
95.7884

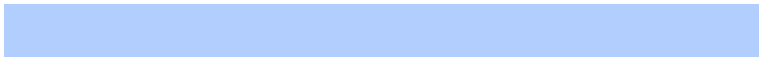
■ 25.9679, 11.5881,
95.4758

■ 24.5426, 10.5670,
95.3538

Harmonies

Analogous

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



60.4792, 61.6224, 113.8207



67.3839, 61.6224, 102.9505



72.1753, 61.6224, 82.8999

Triad

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



67.3839, 61.6224, 102.9505



63.8557, 61.6224, 36.9593



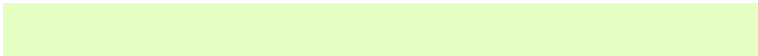
46.0475, 61.6224, 72.6518

Complementary

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



67.3839, 61.6224, 102.9505



77.9248, 92.1188, 65.3063

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.



46.7922, 61.6224, 53.4408



67.3839, 61.6224, 102.9505



56.7019, 61.6224, 35.3109

Square

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



67.3839, 61.6224, 102.9505



70.0262, 61.6224, 45.7885



50.5607, 61.6224, 40.7143



48.4372, 61.6224, 94.1616

Rectangle

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



67.3839, 61.6224, 102.9505



73.3214, 61.6224, 68.5128



50.5607, 61.6224, 40.7143



45.9434, 61.6224, 65.6995

Sweetspot

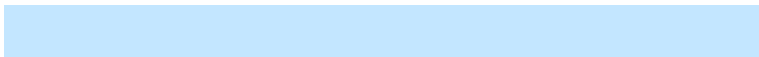
The Sweet Spot groups the original color and five complimentary colors.



67.3857, 61.6249, 102.9509



85.9937, 87.2670, 106.9196



68.8543, 75.4175, 105.5358



18.2462, 18.4551, 22.8505



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.



67.3857, 61.6249, 102.9509



62.9968, 55.7125, 102.0410



76.9907, 66.5765, 103.4004



17.7496, 17.7627, 22.7430



12.9876, 5.6059, 49.8321



1.3870, 0.6089, 4.8577

Inverse Universe

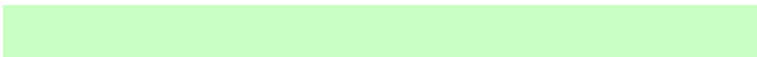
The Inverse Universe completely reimagines the original color for something new.



74.8994, 65.9497, 82.9126



71.7603, 60.7601, 78.5098



69.4315, 87.7403, 64.9088



18.4406, 18.1596, 20.9375



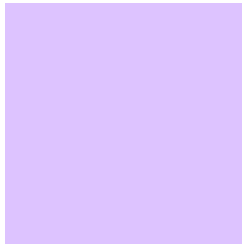
24.2757, 12.1996, 15.3679



2.4185, 1.2098, 1.7852

Previews

White Background



This preview shows how the XYZ color 67.3839, 61.6224, 102.9505 looks on a white background.

Color Contrast Check

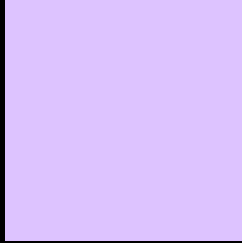
Large Text (above 18pt) WCAG AA × Fail

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 67.3839, 61.6224, 102.9505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

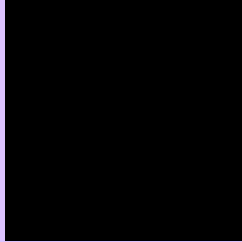
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3839, 61.6224, 102.9505

Background



This preview shows how black text looks on a background with the XYZ color 67.3839, 61.6224, 102.9505.

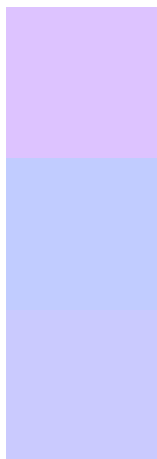


This preview shows how white text looks on a background with the XYZ color 67.3839, 61.6224,

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

67.3839, 61.6224, 102.9505

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

63.3670, 61.9534, 102.3843



Tritanopia

61.7998, 61.7501, 74.9914

Trichromacy



Original Color

67.3839, 61.6224, 102.9505

Protanomaly

63.5652, 61.6898, 103.1648

Deuteranomaly

64.6073, 61.5579, 102.2426

Tritanomaly

63.4625, 61.3681, 84.1017

Monochromacy



Original Color

67.3839, 61.6224, 102.9505

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2903, 63.4498, 80.8628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3839, 61.6224, 102.9505 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(221, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 195, 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(221, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.3839, 61.6224, 102.9505 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(221, 195, 255) }
```


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

```
.border{ border-color:rgb(221, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3839, 61.6224, 102.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 195, 255) }
```

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

```
.background{ background-color: rgb(221,  
195, 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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