

Converting Colors

XYZ(70.8729, 63.1039,
122.7013)

Have a look what the booklet for
XYZ(70.8729, 63.1039, 122.7013)
contains.

XYZ(67.0803, 61.4659, 102.9363)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.0803, 61.4659,
102.9363)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC3FF
RGB	220, 195, 255
RGB Percent	86%, 76%, 100%
CMY	0.1372, 0.2353, 0.0000
CMYK	0.14, 0.24, 0.00, 0.00
HSL	265°, 100%, 88%
HSV	265°, 24%, 100%
XYZ	67.0803, 61.4659, 102.9363
YIQ	209.3150, -4.3600, 23.9600

Conversions

Conversions Part 2

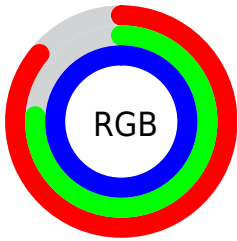
Format	Color
R _Y B	220, 195, 255
Decimal	14468095
CIE Lab	82.63, 20.04, -26.24
CIE LCh	83, 33.020, 307.373
Yxy	61.4659, 0.2898, 0.2655
Android (android.graphics.Color)	4292658175 (0xFFDCC3FF)
YUV	209.3150, 22.5227, 9.3707
Hunter-Lab	78.4002, 15.5268, -22.9653

Details

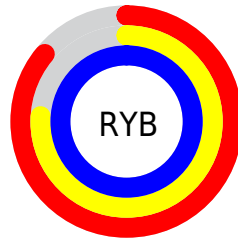
The XYZ color **67.0803, 61.4659, 102.9363** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.2448, 92.2838, 65.3212**, and the grayscale version is **60.6711, 63.8308, 69.5117**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **35.0278, 31.0195, 57.5673** is the 20% darker color. If you saturate the color by 10%, you get **57.5440, 48.7814, 100.9906**, and if you desaturate by 10%, it is **77.9964, 76.3131, 105.2268**.

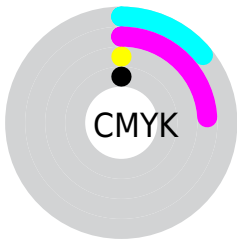
Distribution



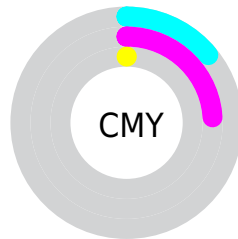
- Red (86%)
- Green (76%)
- Blue (100%)



- Red (86%)
- Yellow (76%)
- Blue (100%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0803, 61.4659, 102.9363 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 67.0803, 61.4659, 102.9363 by changing the saturation by 10% instead.

67.0803, 61.4659,
102.9363

67.0803, 61.4659,
102.9363

439.6585,
429.9802, 590.8931

49.4208, 44.6013,
78.1245

114.0846,
106.9532, 167.2735

35.1693, 31.1435,
57.6592

144.1602,
136.3447, 207.6359

23.9605, 20.7081,
41.1219

179.1052,
170.6806, 254.0190

15.4289, 12.9108,
28.0939

219.2849,
210.3454, 306.8413

9.2092, 7.3672,
18.1568

265.0647,
255.7233, 366.5214

4.9361, 3.6928,
10.8920

316.8101,

2.2442, 1.5032,

307.1988, 433.4776

5.8810

374.8862,
365.1563, 508.1287

■ 0.7659, 0.2910,
2.7052

■ 0.0000, 0.0000,
0.9461

■ 67.0803, 61.4659,
102.9363

■ 67.0803, 61.4659,
102.9363

■ 57.5440, 48.7814,
100.9906

■ 77.9964, 76.3131,
105.2268

■ 49.3221, 38.1476,
99.3714

■ 90.3430, 93.4128,
107.8766

■ 42.3519, 29.4537,
98.0607

95.0500, 100.0000,
108.9000

■ 36.5624, 22.5749,
97.0381

■ 31.8750, 17.3714,
96.2808

■ 28.1996, 13.6817,
95.7623

■ 25.4288, 11.3102,
95.4506

■ 24.0233, 10.2994,
95.3295

Harmonies

Analogous

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



60.1858, 61.4659, 113.5145



67.0803, 61.4659, 102.9363



71.9092, 61.4659, 83.0742

Triad

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



67.0803, 61.4659, 102.9363



63.8171, 61.4659, 37.0044



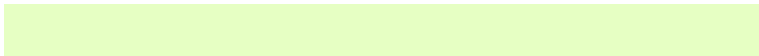
45.9341, 61.4659, 72.0544

Complementary

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



67.0803, 61.4659, 102.9363



78.2448, 92.2838, 65.3212

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.



46.7355, 61.4659, 53.0188



67.0803, 61.4659, 102.9363



56.6920, 61.4659, 35.2291

Square

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



67.0803, 61.4659, 102.9363



69.9215, 61.4659, 45.9407



50.5418, 61.4659, 40.4780



48.2571, 61.4659, 93.4897

Rectangle

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



67.0803, 61.4659, 102.9363



73.1028, 61.4659, 68.7291



50.5418, 61.4659, 40.4780



45.8505, 61.4659, 65.1545

Sweetspot

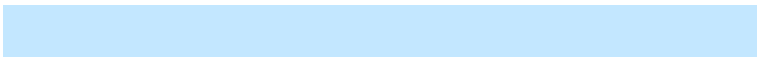
The Sweet Spot groups the original color and five complimentary colors.



67.0821, 61.4684, 102.9367



85.8900, 87.2136, 106.9148



69.1334, 75.9757, 105.6288



18.2222, 18.4428, 22.8493



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.



67.0821, 61.4684, 102.9367



62.6495, 55.5335, 102.0248



76.6333, 66.3922, 103.3837



17.7201, 17.7474, 22.7416



12.7133, 5.4644, 49.8193



1.3588, 0.5944, 4.8564

Inverse Universe

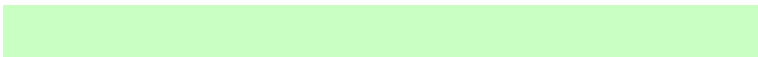
The Inverse Universe completely reimagines the original color for something new.



75.0395, 66.0057, 83.6502



71.9224, 60.8250, 79.3633



69.6994, 87.8785, 64.9213



18.4538, 18.1648, 21.0069



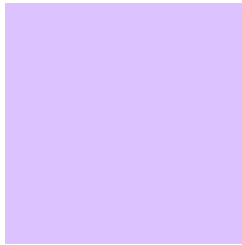
24.4492, 12.2690, 16.2819



2.4350, 1.2164, 1.8722

Previews

White Background



This preview shows how the XYZ color 67.0803, 61.4659, 102.9363 looks on a white background.

Color Contrast Check

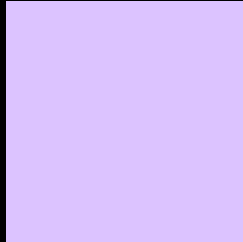
Large Text (above 18pt) WCAG AA × Fail

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 67.0803, 61.4659, 102.9363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

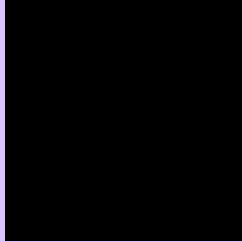
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0803, 61.4659, 102.9363

Background



This preview shows how black text looks on a background with the XYZ color 67.0803, 61.4659, 102.9363.

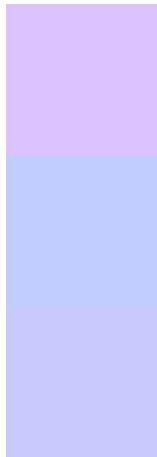


This preview shows how white text looks on a background with the XYZ color 67.0803, 61.4659,

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

67.0803, 61.4659, 102.9363

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.8634, 61.3466, 102.2937



Tritanopia

61.5070, 61.5992, 74.9777

Trichromacy



Original Color

67.0803, 61.4659, 102.9363

Protanomaly

63.5652, 61.6898, 103.1648

Deuteranomaly

64.3252, 61.4125, 102.2294

Tritanomaly

63.1661, 61.2153, 84.0878

Monochromacy



Original Color

67.0803, 61.4659, 102.9363

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.7609, 62.8229, 80.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0803, 61.4659, 102.9363 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(220, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.0803, 61.4659, 102.9363 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(220, 195, 255) }
```


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

```
.border{ border-color:rgb(220, 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(220, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0803, 61.4659, 102.9363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 195, 255) }
```

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

```
.background{ background-color: rgb(220,  
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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