

Converting Colors

XYZ(81.7463, 71.9690,
170.4924)

Have a look what the booklet for
XYZ(81.7463, 71.9690, 170.4924)
contains.

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Color

**XYZ(69.2211, 67.0835,
103.9078)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D0FF
RGB	217, 208, 255
RGB Percent	85%, 82%, 100%
CMY	0.1490, 0.1843, 0.0000
CMYK	0.15, 0.18, 0.00, 0.00
HSL	251°, 100%, 91%
HSV	251°, 18%, 100%
XYZ	69.2211, 67.0835, 103.9078
YIQ	216.0490, -9.7230, 16.5250

Conversions

Conversions Part 2

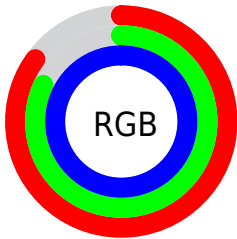
Format	Color
R _Y B	217, 208, 255
Decimal	14274815
CIE Lab	85.55, 12.15, -21.83
CIE LCh	86, 24.982, 299.110
Yxy	67.0835, 0.2882, 0.2793
Android (android.graphics.Color)	4292464895 (0xFFD9D0FF)
YUV	216.0490, 19.2028, 0.8340
Hunter-Lab	81.9045, 7.5253, -17.8848

Details

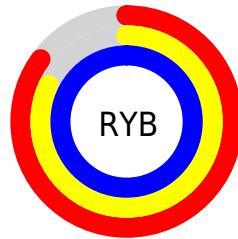
The XYZ color **69.2211, 67.0835, 103.9078** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1528, 95.6676, 73.6554**, and the grayscale version is **65.1834, 68.5780, 74.6814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6489, 34.8698, 58.2250** is the 20% darker color. If you saturate the color by 10%, you get **57.7465, 52.6704, 101.7306**, and if you desaturate by 10%, it is **82.4646, 83.8956, 106.4549**.

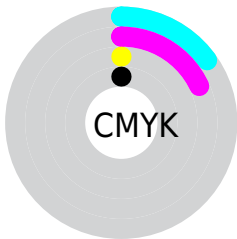
Distribution



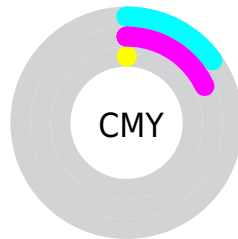
- Red (85%)
- Green (82%)
- Blue (100%)



- Red (85%)
- Yellow (82%)
- Blue (100%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2211, 67.0835, 103.9078 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 69.2211, 67.0835, 103.9078 by changing the saturation by 10% instead.

■ 69.2211, 67.0835,
103.9078

■ 69.2211, 67.0835,
103.9078

447.1196,
450.2419, 594.0034

■ 51.1691, 49.1525,
78.9331

117.1297,
115.0401, 168.6157

■ 36.5648, 34.7405,
58.3198

147.7169,
145.8344, 209.1859

■ 25.0428, 23.4630,
41.6494

183.2133,
181.6853, 255.7917

■ 16.2379, 14.9358,
28.5034

223.9842,
222.9771, 308.8516

■ 9.7845, 8.7743,
18.4631

270.3949,
270.0943, 368.7842

■ 5.3175, 4.5943,
11.1101

322.8108,

■ 2.4714, 2.0112,

323.4212, 436.0080

6.0258

381.5972,
383.3423, 510.9416

■ 0.8809, 0.6140,
2.7918

■ 0.0000, 0.0000,
0.9893

■ 69.2211, 67.0835,
103.9078

■ 69.2211, 67.0835,
103.9078

■ 57.7465, 52.6704,
101.7306

■ 82.4646, 83.8956,
106.4549

■ 47.9594, 40.5385,
99.9047

95.0500, 100.0000,
108.9000

■ 39.7803, 30.5718,
98.4120

■ 33.1208, 22.6411,
97.2323

■ 27.8838, 16.6031,
96.3428

■ 23.9604, 12.2954,
95.7181

■ 21.2250, 9.5275,
95.3281

■ 19.5126, 8.0385,
95.1309

■ 19.3079, 7.8685,
95.1089

Harmonies

Analogous

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



63.5915, 67.0835, 108.9791



69.2211, 67.0835, 103.9078



73.5964, 67.0835, 90.2996

Triad

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



69.2211, 67.0835, 103.9078



69.5317, 67.0835, 49.3616



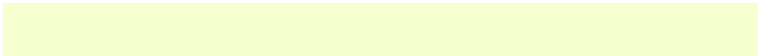
53.4556, 67.0835, 72.5581

Complementary

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



69.2211, 67.0835, 103.9078



85.1528, 95.6676, 73.6554

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.



54.8431, 67.0835, 58.1373



69.2211, 67.0835, 103.9078



63.9305, 67.0835, 46.0271

Square

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



69.2211, 67.0835, 103.9078



73.7831, 67.0835, 58.8626



58.5956, 67.0835, 48.9886



54.6899, 67.0835, 89.3344

Rectangle

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



69.2211, 67.0835, 103.9078



75.0941, 67.0835, 79.1103



58.5956, 67.0835, 48.9886



53.6294, 67.0835, 67.2933

Sweetspot

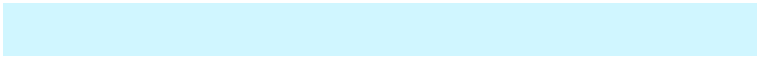
The Sweet Spot groups the original color and five complimentary colors.



69.2230, 67.0862, 103.9082



85.9561, 88.3525, 107.1311



77.1366, 86.7761, 107.2917



18.1949, 18.6515, 22.8911



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.



69.2230, 67.0862, 103.9082



64.9265, 61.6697, 103.0892



76.5824, 70.8801, 104.2526



17.3275, 17.5451, 22.7232



10.1807, 4.1588, 49.7007



1.0728, 0.4470, 4.8430

Inverse Universe

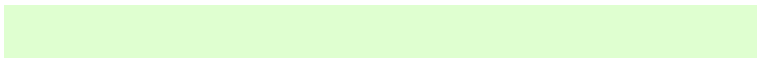
The Inverse Universe completely reimagines the original color for something new.



80.4321, 73.0282, 97.0477



78.0090, 68.6083, 94.9260



77.5423, 91.7443, 73.2992



18.6348, 18.2372, 21.9598



27.4346, 13.4631, 32.0027



2.7078, 1.3255, 3.3085

Previews

White Background



This preview shows how the XYZ color 69.2211, 67.0835, 103.9078 looks on a white background.

Color Contrast Check

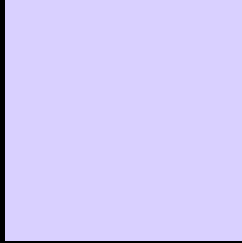
Large Text (above 18pt) WCAG AA × Fail

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 69.2211, 67.0835, 103.9078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

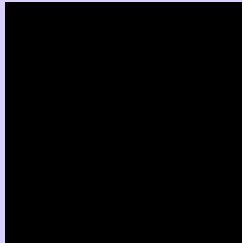
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2211, 67.0835, 103.9078

Background



This preview shows how black text looks on a background with the XYZ color 69.2211, 67.0835, 103.9078.

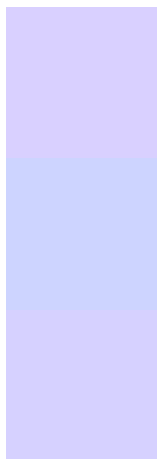


This preview shows how white text looks on a background with the XYZ color 69.2211, 67.0835,

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

69.2211, 67.0835, 103.9078

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

68.5820, 67.1171, 103.9480



Tritanopia

65.3777, 67.3918, 83.6909

Trichromacy



Original Color

69.2211, 67.0835, 103.9078

Protanomaly

67.6388, 67.3638, 104.0453

Deuteranomaly

68.8748, 67.2680, 103.9617

Tritanomaly

66.4584, 67.0577, 90.3296

Monochromacy



Original Color

69.2211, 67.0835, 103.9078

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.3961, 67.9006, 84.4696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2211, 67.0835, 103.9078 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(217, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 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(217, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.2211, 67.0835, 103.9078 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(217, 208, 255) }
```


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

```
.border{ border-color:rgb(217, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(217, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2211, 67.0835, 103.9078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 255) }
```

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

```
.background{ background-color: rgb(217,  
208, 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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