

Converting Colors

XYZ(73.5813, 70.3333,
115.9411)

Have a look what the booklet for
XYZ(73.5813, 70.3333, 115.9411)
contains.

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Color

**XYZ(71.1631, 69.1807,
104.2103)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD3FF
RGB	221, 211, 255
RGB Percent	87%, 83%, 100%
CMY	0.1333, 0.1725, 0.0000
CMYK	0.13, 0.17, 0.00, 0.00
HSL	254°, 100%, 91%
HSV	254°, 17%, 100%
XYZ	71.1631, 69.1807, 104.2103
YIQ	219.0060, -8.1640, 15.8040

Conversions

Conversions Part 2

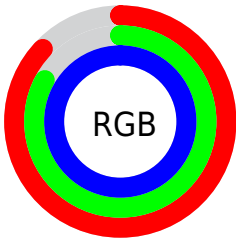
Format	Color
R _Y B	221, 211, 255
Decimal	14537727
CIE Lab	86.59, 11.81, -20.21
CIE LCh	87, 23.408, 300.293
Yxy	69.1807, 0.2910, 0.2829
Android (android.graphics.Color)	4292727807 (0xFFDDD3FF)
YUV	219.0060, 17.7450, 1.7487
Hunter-Lab	83.1749, 7.1655, -16.0623

Details

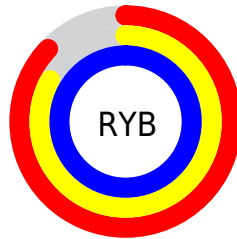
The XYZ color **71.1631, 69.1807, 104.2103** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1755, 95.6363, 75.6017**, and the grayscale version is **67.2227, 70.7235, 77.0179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8074, 35.9611, 58.3746** is the 20% darker color. If you saturate the color by 10%, you get **59.6721, 54.5883, 101.9993**, and if you desaturate by 10%, it is **84.3670, 86.1514, 106.7900**.

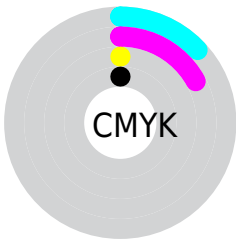
Distribution



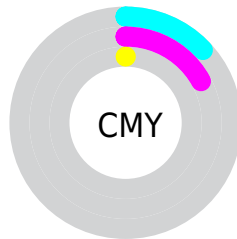
- Red (87%)
- Green (83%)
- Blue (100%)



- Red (87%)
- Yellow (83%)
- Blue (100%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1631, 69.1807, 104.2103 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 71.1631, 69.1807, 104.2103 by changing the saturation by 10% instead.

71.1631, 69.1807,
104.2103

71.1631, 69.1807,
104.2103

453.8264,
457.6680, 594.9702

52.7583, 50.8589,
79.1850

119.8832,
118.0396, 169.0333

37.8366, 36.0963,
58.5257

150.9292,
149.3455, 209.6681

26.0325, 24.5086,
41.8139

186.9197,
185.7483, 256.3431

16.9808, 15.7113,
28.6311

228.2200,
227.6322, 309.4768

10.3160, 9.3201,
18.5588

275.1954,
275.3818, 369.4878

5.6728, 4.9506,
11.1783

328.2114,

2.6859, 2.2183,

329.3813, 436.7947

6.0712

387.6333,
390.0153, 511.8160

■ 0.9899, 0.7299,
2.8190

■ 0.0000, 0.0000,
1.0029

■ 71.1631, 69.1807,
104.2103

■ 71.1631, 69.1807,
104.2103

■ 59.6721, 54.5883,
101.9993

■ 84.3670, 86.1514,
106.7900

■ 49.8168, 42.2588,
100.1389

95.0500, 100.0000,
108.9000

■ 41.5223, 32.0796,
98.6113

■ 34.7056, 23.9251,
97.3966

■ 29.2756, 17.6565,
96.4728

■ 25.1305, 13.1166,
95.8150

■ 22.1533, 10.1224,
95.3940

■ 20.1990, 8.4407,
95.1724

■ 19.7918, 8.1179,
95.1315

Harmonies

Analogous

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



65.8075, 69.1807, 109.3621



71.1631, 69.1807, 104.2103



75.2470, 69.1807, 91.1390

Triad

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



71.1631, 69.1807, 104.2103



71.0658, 69.1807, 52.2230



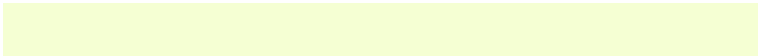
55.8555, 69.1807, 75.4789

Complementary

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



71.1631, 69.1807, 104.2103



85.1755, 95.6363, 75.6017

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.



57.0953, 69.1807, 61.4569



71.1631, 69.1807, 104.2103



65.7009, 69.1807, 49.2046

Square

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



71.1631, 69.1807, 104.2103



75.1886, 69.1807, 61.2261



60.6265, 69.1807, 52.3427



57.1439, 69.1807, 91.4397

Rectangle

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



71.1631, 69.1807, 104.2103



76.5928, 69.1807, 80.4817



60.6265, 69.1807, 52.3427



55.9895, 69.1807, 70.3953

Sweetspot

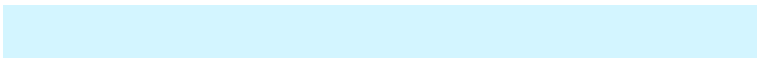
The Sweet Spot groups the original color and five complimentary colors.



71.1650, 69.1835, 104.2107



87.5842, 90.3122, 107.4236



77.7095, 86.6578, 107.2386



18.5298, 19.0499, 22.9503



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.



71.1650, 69.1835, 104.2107



66.6621, 63.4423, 103.3398



78.1472, 72.7830, 104.5375



17.3891, 17.5768, 22.7261



10.4472, 4.2962, 49.7132



1.1071, 0.4646, 4.8446

Inverse Universe

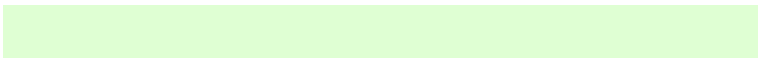
The Inverse Universe completely reimagines the original color for something new.



81.0173, 74.4437, 96.4872



78.3839, 69.7043, 93.9834



78.0950, 91.9862, 75.2703



18.6057, 18.2256, 21.8065



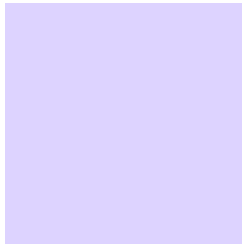
26.8775, 13.2403, 29.0689



2.6581, 1.3056, 3.0469

Previews

White Background



This preview shows how the XYZ color 71.1631, 69.1807, 104.2103 looks on a white background.

Color Contrast Check

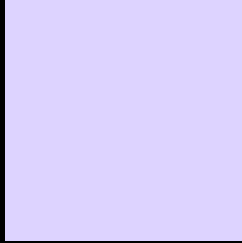
Large Text (above 18pt) WCAG AA × Fail

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 71.1631, 69.1807, 104.2103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

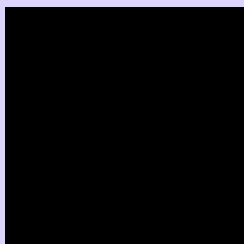
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1631, 69.1807, 104.2103

Background



This preview shows how black text looks on a background with the XYZ color 71.1631, 69.1807, 104.2103.

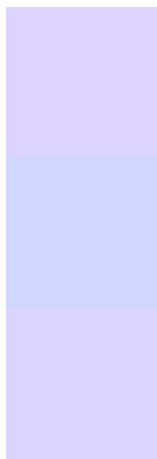


This preview shows how white text looks on a background with the XYZ color 71.1631, 69.1807,

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

71.1631, 69.1807, 104.2103

Protanopia

68.6449, 69.3762, 104.3807

Deuteranopia

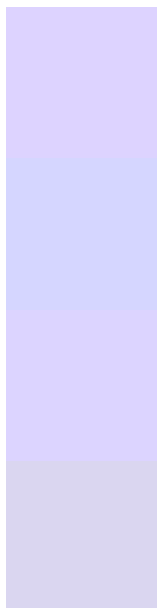
70.8069, 69.3670, 104.2650



Tritanopia

67.4812, 69.1788, 86.1401

Trichromacy



Original Color

71.1631, 69.1807, 104.2103

Protanomaly

69.5371, 69.4593, 104.3497

Deuteranomaly

71.1087, 69.5226, 104.2791

Tritanomaly

68.6882, 69.2898, 92.1921

Monochromacy



Original Color

71.1631, 69.1807, 104.2103

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6366, 70.1536, 86.2674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1631, 69.1807, 104.2103 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.1631, 69.1807, 104.2103 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, 211, 255) }
```


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

```
.border{ border-color:rgb(221, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1631, 69.1807, 104.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 255) }
```

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

```
.background{ background-color: rgb(221,  
211, 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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