

Converting Colors

XYZ(82.6368, 73.5285,
165.4915)

Have a look what the booklet for
XYZ(82.6368, 73.5285, 165.4915)
contains.

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Color

**XYZ(70.9154, 68.6853,
104.1277)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD2FF
RGB	221, 210, 255
RGB Percent	87%, 82%, 100%
CMY	0.1333, 0.1765, 0.0000
CMYK	0.13, 0.18, 0.00, 0.00
HSL	255°, 100%, 91%
HSV	255°, 18%, 100%
XYZ	70.9154, 68.6853, 104.1277
YIQ	218.4190, -7.8890, 16.3270

Conversions

Conversions Part 2

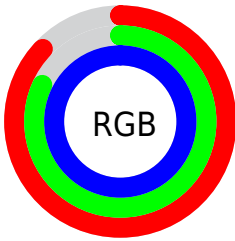
Format	Color
R _Y B	221, 210, 255
Decimal	14537471
CIE Lab	86.35, 12.34, -20.58
CIE LCh	86, 23.998, 300.940
Yxy	68.6853, 0.2910, 0.2818
Android (android.graphics.Color)	4292727551 (0xFFDDD2FF)
YUV	218.4190, 18.0344, 2.2635
Hunter-Lab	82.8766, 7.7039, -16.4794

Details

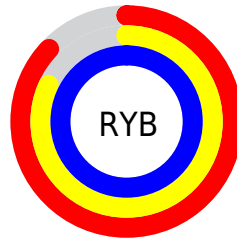
The XYZ color **70.9154, 68.6853, 104.1277** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.7025, 95.4069, 74.9270**, and the grayscale version is **66.8146, 70.2942, 76.5504**.

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 **59.5810, 54.2307, 101.9351**, and if you desaturate by 10%, it is **83.9299, 85.4986, 106.6870**.

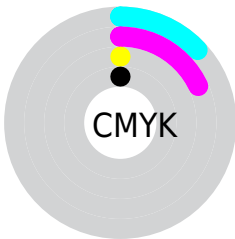
Distribution



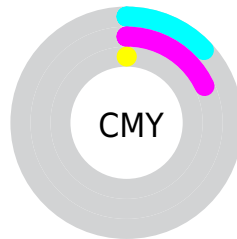
- Red (87%)
- Green (82%)
- Blue (100%)



- Red (87%)
- Yellow (82%)
- Blue (100%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9154, 68.6853, 104.1277 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 70.9154, 68.6853, 104.1277 by changing the saturation by 10% instead.

70.9154, 68.6853,
104.1277

70.9154, 68.6853,
104.1277

452.9741,
455.9203, 594.7063

52.5554, 50.4555,
79.1162

119.5324,
117.3320, 168.9193

37.6741, 35.7754,
58.4695

150.5202,
148.5176, 209.5364

25.9059, 24.2608,
41.7690

186.4480,
184.7906, 256.1925

16.8855, 15.5272,
28.5962

227.6811,
226.5354, 309.3061

10.2477, 9.1902,
18.5326

274.5849,
274.1364, 369.2958

5.6270, 4.8655,
11.1597

327.5248,

2.6581, 2.1685,

327.9779, 436.5800

6.0588

386.8660,
388.4444, 511.5773

■ 0.9757, 0.7028,
2.8115

■ 0.0000, 0.0000,
0.9992

■ 70.9154, 68.6853,
104.1277

■ 70.9154, 68.6853,
104.1277

■ 59.5810, 54.2307,
101.9351

■ 83.9299, 85.4986,
106.6870

■ 49.8510, 42.0201,
100.0910

95.0500, 100.0000,
108.9000

■ 41.6522, 31.9413,
98.5777

■ 34.9030, 23.8694,
97.3754

■ 29.5143, 17.6659,
96.4620

■ 25.3860, 13.1742,
95.8126

■ 22.4031, 10.2112,
95.3979

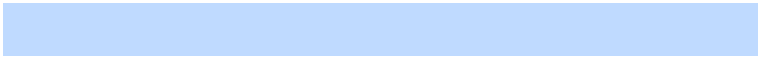
■ 20.4206, 8.5388,
95.1796

■ 20.0572, 8.2547,
95.1439

Harmonies

Analogous

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



65.4582, 68.6853, 109.6302



70.9154, 68.6853, 104.1277



75.0456, 68.6853, 90.6074

Triad

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



70.9154, 68.6853, 104.1277



70.5961, 68.6853, 51.1611



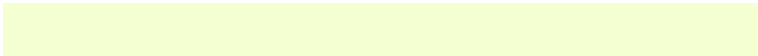
55.1999, 68.6853, 75.2882

Complementary

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



70.9154, 68.6853, 104.1277



84.7025, 95.4069, 74.9270

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.



56.4066, 68.6853, 60.9238



70.9154, 68.6853, 104.1277



65.1087, 68.6853, 48.2395

Square

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



70.9154, 68.6853, 104.1277



74.8541, 68.6853, 60.1708



59.9576, 68.6853, 51.5506



56.5653, 68.6853, 91.5960

Rectangle

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



70.9154, 68.6853, 104.1277



76.3794, 68.6853, 79.6949



59.9576, 68.6853, 51.5506



55.3176, 68.6853, 70.0841

Sweetspot

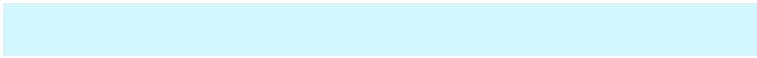
The Sweet Spot groups the original color and five complimentary colors.



70.9173, 68.6881, 104.1281



87.6607, 90.3516, 107.4271



77.1314, 85.9257, 107.1278



18.5483, 19.0594, 22.9512



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.



70.9173, 68.6881, 104.1281



66.9307, 63.5807, 103.3524



78.0604, 72.3704, 104.4624



17.4188, 17.5921, 22.7275



10.5921, 4.3709, 49.7200



1.1249, 0.4738, 4.8454

Inverse Universe

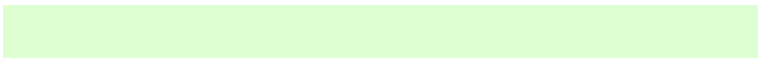
The Inverse Universe completely reimagines the original color for something new.



80.6173, 73.8873, 95.6025



78.2454, 69.6489, 93.2542



77.5187, 91.7035, 74.5908



18.5917, 18.2200, 21.7332



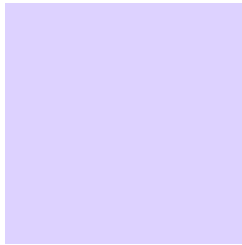
26.6215, 13.1379, 27.7211



2.6351, 1.2964, 2.9259

Previews

White Background



This preview shows how the XYZ color 70.9154, 68.6853, 104.1277 looks on a white background.

Color Contrast Check

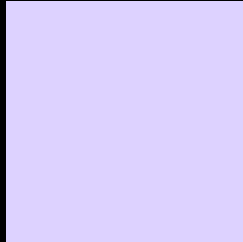
Large Text (above 18pt) WCAG AA × Fail

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 70.9154, 68.6853, 104.1277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

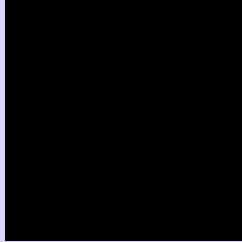
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9154, 68.6853, 104.1277

Background



This preview shows how black text looks on a background with the XYZ color 70.9154, 68.6853, 104.1277.

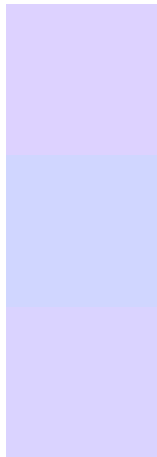


This preview shows how white text looks on a background with the XYZ color 70.9154, 68.6853,

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

70.9154, 68.6853, 104.1277

Protanopia

68.1090, 68.7230, 104.2829

Deuteranopia

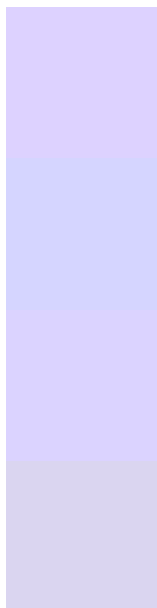
70.2577, 68.7140, 104.1679



Tritanopia

67.0856, 68.6144, 85.3094

Trichromacy



Original Color

70.9154, 68.6853, 104.1277

Protanomaly

69.2848, 68.9546, 104.2656

Deuteranomaly

70.5577, 68.8686, 104.1819

Tritanomaly

68.4359, 68.7852, 92.1080

Monochromacy



Original Color

70.9154, 68.6853, 104.1277

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9377, 69.4305, 85.4220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9154, 68.6853, 104.1277 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 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, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.9154, 68.6853, 104.1277 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, 210, 255) }
```


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

```
.border{ border-color:rgb(221, 210, 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, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 210, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 210, 255); box-shadow:4px 4px 4px 4px rgb(221, 210, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9154, 68.6853, 104.1277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 255) }
```

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

```
.background{ background-color: rgb(221,  
210, 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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