

Converting Colors

XYZ(101.9429, 83.2331,
274.8536)

Have a look what the booklet for
XYZ(101.9429, 83.2331, 274.8536)
contains.

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Color

**XYZ(69.4698, 70.1806,
104.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D8FF
RGB	211, 216, 255
RGB Percent	83%, 85%, 100%
CMY	0.1725, 0.1529, 0.0000
CMYK	0.17, 0.15, 0.00, 0.00
HSL	233°, 100%, 91%
HSV	233°, 17%, 100%
XYZ	69.4698, 70.1806, 104.4925
YIQ	218.9510, -15.4990, 11.0690

Conversions

Conversions Part 2

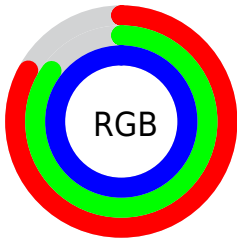
Format	Color
R _Y B	211, 215, 255
Decimal	13883647
CIE Lab	87.09, 6.06, -19.54
CIE LCh	87, 20.459, 287.221
Yxy	70.1806, 0.2845, 0.2875
Android (android.graphics.Color)	4292073727 (0xFFD3D8FF)
YUV	218.9510, 17.7722, -6.9730
Hunter-Lab	83.7739, 1.4176, -15.3117

Details

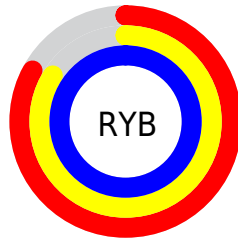
The XYZ color **69.4698, 70.1806, 104.4925** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.1831, 94.3331, 75.2427**, and the grayscale version is **67.1880, 70.6870, 76.9782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6482, 36.6349, 58.5657** is the 20% darker color. If you saturate the color by 10%, you get **57.3384, 55.9157, 102.3785**, and if you desaturate by 10%, it is **83.5603, 86.6413, 106.9271**.

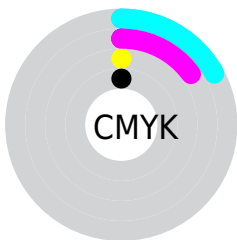
Distribution



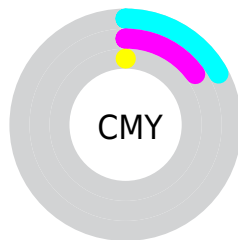
- Red (83%)
- Green (85%)
- Blue (100%)



- Red (83%)
- Yellow (84%)
- Blue (100%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4698, 70.1806, 104.4925 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 69.4698, 70.1806, 104.4925 by changing the saturation by 10% instead.

■ 69.4698, 70.1806,
104.4925

■ 69.4698, 70.1806,
104.4925

447.9817,
461.1839, 595.8713

■ 51.3724, 51.6738,
79.4200

117.4827,
119.4663, 169.4228

■ 36.7273, 36.7451,
58.7178

148.1290,
151.0139, 210.1177

■ 25.1692, 25.0102,
41.9675

183.6890,
187.6773, 256.8572

■ 16.3325, 16.0847,
28.7504

224.5280,
229.8408, 310.0597

■ 9.8521, 9.5841,
18.6482

271.0115,
277.8888, 370.1438

■ 5.3625, 5.1241,
11.2421

323.5046,

■ 2.4984, 2.3202,

332.2057, 437.5281

6.1137

382.3729,
393.1759, 512.6311

■ 0.8945, 0.7844,
2.8444

■ 0.0000, 0.0000,
1.0158

■ 69.4698, 70.1806,
104.4925

■ 69.4698, 70.1806,
104.4925

■ 57.3384, 55.9157,
102.3785

■ 83.5603, 86.6413,
106.9271

■ 47.0734, 43.7453,
100.5704

95.0500, 100.0000,
108.9000

■ 38.5835, 33.5731,
99.0544

■ 31.7670, 25.2914,
97.8152

■ 26.5121, 18.7826,
96.8358

■ 22.6931, 13.9157,
96.0977

■ 20.1643, 10.5411,
95.5796

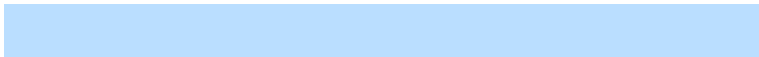
■ 18.7445, 8.4790,
95.2564

■ 18.4892, 8.0983,
95.1964

Harmonies

Analogous

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



64.6872, 70.1806, 105.1461



69.4698, 70.1806, 104.4925



73.6985, 70.1806, 95.7743

Triad

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



69.4698, 70.1806, 104.4925



73.1601, 70.1806, 58.6368



58.1163, 70.1806, 70.7254

Complementary

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



69.4698, 70.1806, 104.4925



87.1831, 94.3331, 75.2427

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.



60.1677, 70.1806, 59.8574



69.4698, 70.1806, 104.4925



68.7634, 70.1806, 53.4611

Square

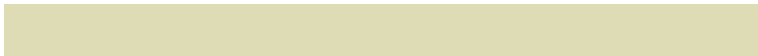
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4698, 70.1806, 104.4925



75.8981, 70.1806, 68.8655



64.0137, 70.1806, 53.8795



58.2851, 70.1806, 84.4965

Rectangle

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



69.4698, 70.1806, 104.4925



75.5656, 70.1806, 87.0936



64.0137, 70.1806, 53.8795



58.5648, 70.1806, 66.6466

Sweetspot

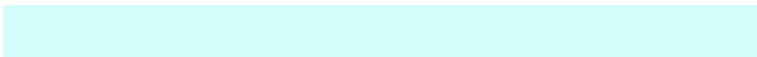
The Sweet Spot groups the original color and five complimentary colors.



69.4717, 70.1834, 104.4929



87.0142, 90.6622, 107.5212



79.8591, 92.2630, 103.9327



18.3917, 19.1345, 22.9739



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.



69.4717, 70.1834, 104.4929



64.7020, 64.5869, 103.6641



73.2980, 70.2822, 104.3103



17.1693, 17.7101, 22.7634



9.7136, 4.3367, 49.7597



0.9970, 0.5247, 4.8620

Inverse Universe

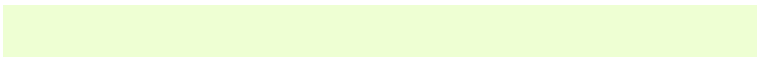
The Inverse Universe completely reimagines the original color for something new.



76.9302, 72.8079, 74.9676



73.5601, 67.7748, 68.5820



82.8232, 94.4237, 75.4900



18.0933, 18.0206, 19.1086



21.6912, 11.1658, 1.7581



2.1378, 1.0975, 0.3073

Previews

White Background



This preview shows how the XYZ color 69.4698, 70.1806, 104.4925 looks on a white background.

Color Contrast Check

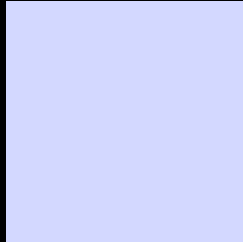
Large Text (above 18pt) WCAG AA × Fail

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 69.4698, 70.1806, 104.4925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

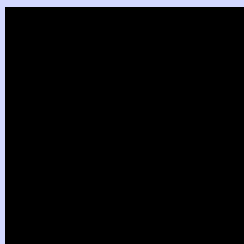
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4698, 70.1806, 104.4925

Background



This preview shows how black text looks on a background with the XYZ color 69.4698, 70.1806, 104.4925.

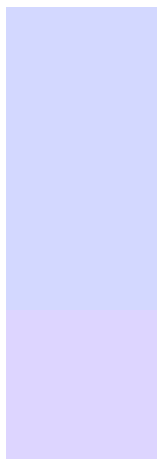


This preview shows how white text looks on a background with the XYZ color 69.4698, 70.1806,

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

69.4698, 70.1806, 104.4925

Protanopia

69.4698, 70.1806, 104.4925

Deuteranopia

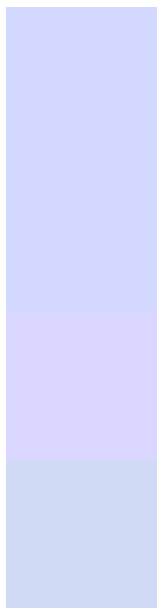
71.6630, 70.1807, 104.3769



Tritanopia

66.6300, 70.1874, 90.1565

Trichromacy



Original Color

69.4698, 70.1806, 104.4925

Protanomaly

69.4698, 70.1806, 104.4925

Deuteranomaly

70.7118, 70.0648, 104.4047

Tritanomaly

67.6950, 70.2298, 95.5757

Monochromacy



Original Color

69.4698, 70.1806, 104.4925

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9558, 70.5679, 86.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4698, 70.1806, 104.4925 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(211, 216, 255) looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 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(211, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.4698, 70.1806, 104.4925 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(211, 216, 255) }
```


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

```
.border{ border-color:rgb(211, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4698, 70.1806, 104.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 216, 255) }
```

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

```
.background{ background-color: rgb(211,  
216, 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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