

Converting Colors

XYZ(69.0647, 71.0904, 98.6564)

Have a look what the booklet for
XYZ(69.0647, 71.0904, 98.6564)
contains.

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Color

**XYZ(69.1388, 71.2892,
98.9231)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DBF8
RGB	211, 219, 248
RGB Percent	83%, 86%, 97%
CMY	0.1725, 0.1412, 0.0274
CMYK	0.15, 0.12, 0.00, 0.03
HSL	227°, 73%, 90%
HSV	227°, 15%, 97%
XYZ	69.1388, 71.2892, 98.9231
YIQ	219.9140, -14.0770, 7.3230

Conversions

Conversions Part 2

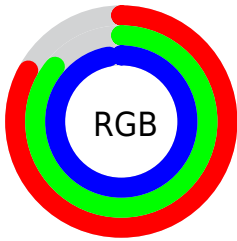
Format	Color
R _Y B	211, 218, 248
Decimal	13884408
CIE Lab	87.63, 3.01, -15.04
CIE LCh	88, 15.340, 281.328
Yxy	71.2892, 0.2889, 0.2978
Android (android.graphics.Color)	4292074488 (0xFFD3DBF8)
YUV	219.9140, 13.8464, -7.8176
Hunter-Lab	84.4329, -1.5910, -10.3621

Details

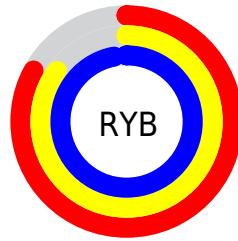
The XYZ color **69.1388, 71.2892, 98.9231** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6300, 86.9797, 74.1161**, and the grayscale version is **67.8828, 71.4180, 77.7742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5002, 37.4246, 55.1691** is the 20% darker color. If you saturate the color by 10%, you get **57.7969, 58.3508, 97.0247**, and if you desaturate by 10%, it is **82.1732, 85.9827, 101.0734**.

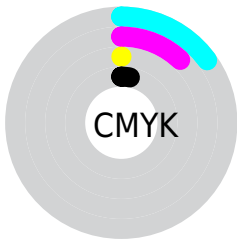
Distribution



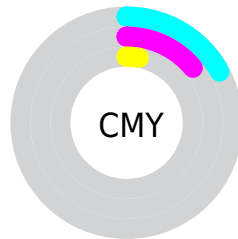
- Red (83%)
- Green (86%)
- Blue (97%)



- Red (83%)
- Yellow (85%)
- Blue (97%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1388, 71.2892, 98.9231 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 69.1388, 71.2892, 98.9231 by changing the saturation by 10% instead.

■ 69.1388, 71.2892,
98.9231

■ 69.1388, 71.2892,
98.9231

446.8341,
465.0638, 577.9516

■ 51.1018, 52.5782,
74.7896

117.0128,
121.0454, 161.7154

■ 36.5110, 37.4662,
54.9399

147.5805,
152.8595, 201.2114

■ 25.0011, 25.5686,
38.9553

183.0558,
189.8100, 246.6652

■ 16.2066, 16.5012,
26.4174

223.8041,
232.2814, 298.4954

■ 9.7622, 9.8795,
16.9076

270.1907,
280.6581, 357.1207

■ 5.3026, 5.3191,
10.0074

322.5810,

■ 2.4625, 2.4357,

335.3245, 422.9594

5.2982

381.3404,
396.6649, 496.4302

■ 0.8764, 0.8442,
2.3615

■ 0.0000, 0.0000,
0.7654

■ 69.1388, 71.2892,
98.9231

■ 69.1388, 71.2892,
98.9231

■ 57.7969, 58.3508,
97.0247

■ 82.1732, 85.9827,
101.0734

■ 48.0706, 47.0922,
95.3642

■ 93.9435, 99.5574,
103.0732

■ 39.8867, 37.4457,
93.9335

■ 33.1636, 29.3355,
92.7225

■ 27.8120, 22.6793,
91.7198

■ 23.7322, 17.3870,
90.9132

■ 20.8104, 13.3571,
90.2894

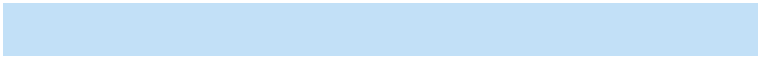
■ 18.9098, 10.4722,
89.8327

■ 18.2459, 9.3821,
89.6573

Harmonies

Analogous

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



65.5476, 71.2892, 98.1460



69.1388, 71.2892, 98.9231



72.4738, 71.2892, 93.6251

Triad

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



69.1388, 71.2892, 98.9231



73.1372, 71.2892, 65.1529



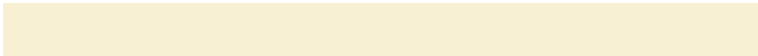
61.3572, 71.2892, 71.3950

Complementary

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



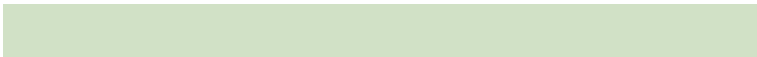
69.1388, 71.2892, 98.9231



81.6300, 86.9797, 74.1161

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.



63.2518, 71.2892, 63.5547



69.1388, 71.2892, 98.9231



70.0180, 71.2892, 60.1792

Square

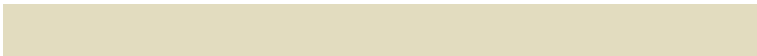
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1388, 71.2892, 98.9231



74.8367, 71.2892, 73.7604



66.3962, 71.2892, 59.6215



61.1409, 71.2892, 81.6157

Rectangle

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



69.1388, 71.2892, 98.9231



74.0699, 71.2892, 87.6155



66.3962, 71.2892, 59.6215



61.8157, 71.2892, 68.4185

Sweetspot

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



69.1410, 71.2922, 98.9247



88.8991, 93.1218, 107.8966



76.1585, 87.2753, 95.2582



18.7877, 19.6625, 23.0550



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.



69.1410, 71.2922, 98.9247



69.7114, 71.4672, 104.7281



70.2053, 68.8157, 98.3906



16.5873, 17.2515, 21.8409



9.9392, 5.2340, 48.4600



0.9947, 0.6330, 4.5129

Inverse Universe

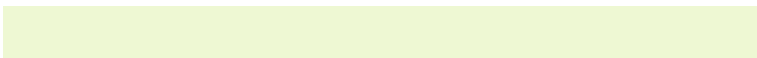
The Inverse Universe completely reimagines the original color for something new.



74.7936, 71.6613, 76.9110



76.8548, 72.0259, 76.8883



80.4244, 89.9328, 74.7497



17.3982, 17.2867, 18.6869



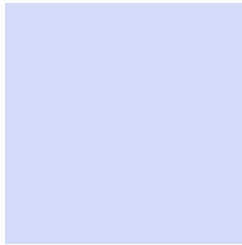
21.3089, 10.9393, 3.0690



2.0110, 1.0281, 0.4813

Previews

White Background



This preview shows how the XYZ color 69.1388, 71.2892, 98.9231 looks on a white background.

Color Contrast Check

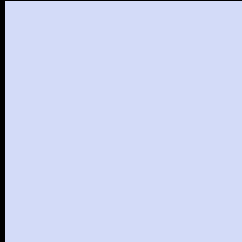
Large Text (above 18pt) WCAG AA × Fail

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 69.1388, 71.2892, 98.9231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

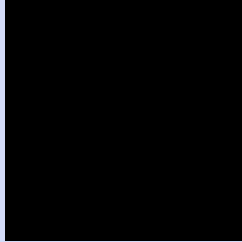
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1388, 71.2892, 98.9231

Background



This preview shows how black text looks on a background with the XYZ color 69.1388, 71.2892, 98.9231.

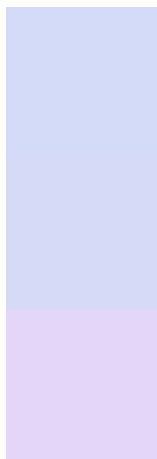


This preview shows how white text looks on a background with the XYZ color 69.1388, 71.2892,

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

69.1388, 71.2892, 98.9231

Protanopia

69.8842, 71.3053, 98.0757

Deuteranopia

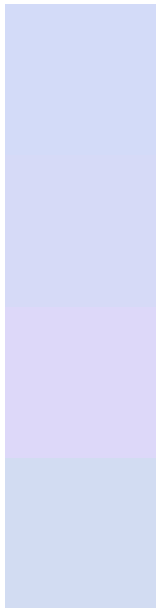
72.8240, 71.2636, 99.5395



Tritanopia

67.5836, 71.4413, 91.1164

Trichromacy



Original Color

69.1388, 71.2892, 98.9231

Protanomaly

69.5915, 71.1543, 98.0620

Deuteranomaly

71.4735, 71.3234, 99.6223

Tritanomaly

68.1986, 71.2988, 94.1720

Monochromacy



Original Color

69.1388, 71.2892, 98.9231

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.4914, 71.6513, 85.0831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1388, 71.2892, 98.9231 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, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 248)  
}
```

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, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 248) }
```

Border

The CSS property to change the border of an element to XYZ 69.1388, 71.2892, 98.9231 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, 219, 248) }
```


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

```
.border{ border-color:rgb(211, 219, 248) }
```

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

Here you see how a box with a 4 pixel rgb(211, 219, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1388, 71.2892, 98.9231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 248) }
```

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

```
.background{ background-color: rgb(211,  
219, 248) }
```

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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