

Converting Colors

XYZ(69.7075, 72.4867, 99.4088)

Have a look what the booklet for
XYZ(69.7075, 72.4867, 99.4088)
contains.

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Color

**XYZ(69.6637, 72.3391,
99.0981)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DDF8
RGB	211, 221, 248
RGB Percent	83%, 87%, 97%
CMY	0.1725, 0.1333, 0.0274
CMYK	0.15, 0.11, 0.00, 0.03
HSL	224°, 73%, 90%
HSV	224°, 15%, 97%
XYZ	69.6637, 72.3391, 99.0981
YIQ	221.0880, -14.6270, 6.2770

Conversions

Conversions Part 2

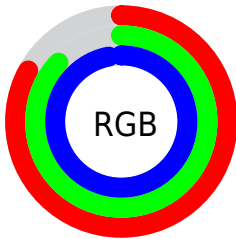
Format	Color
R_{YB}	211, 219, 248
Decimal	13884920
CIE _{Lab}	88.13, 1.97, -14.28
CIE _{LCh}	88, 14.417, 277.838
Yxy	72.3391, 0.2889, 0.3000
Android (android.graphics.Color)	4292075000 (0xFFD3DDF8)
YUV	221.0880, 13.2676, -8.8472
Hunter-Lab	85.0524, -2.6380, -9.5446

Details

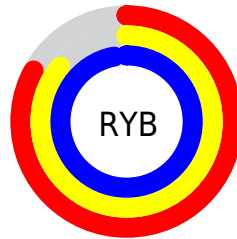
The XYZ color **69.6637, 72.3391, 99.0981** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0443, 85.8084, 73.9208**, and the grayscale version is **68.7080, 72.2861, 78.7196**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8609, 38.1461, 55.2893** is the 20% darker color. If you saturate the color by 10%, you get **58.5769, 59.9109, 97.2847**, and if you desaturate by 10%, it is **82.3659, 86.3683, 101.1377**.

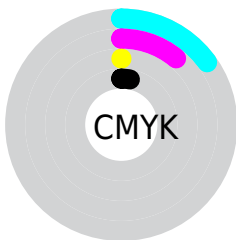
Distribution



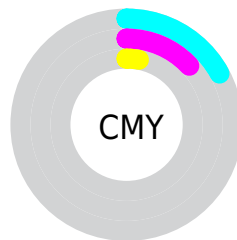
- Red (83%)
- Green (87%)
- Blue (97%)



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



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6637, 72.3391, 99.0981 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 69.6637, 72.3391, 99.0981 by changing the saturation by 10% instead.

■ 69.6637, 72.3391,
99.0981

■ 69.6637, 72.3391,
99.0981

448.6532,
468.7210, 578.5192

■ 51.5310, 53.4357,
74.9349

117.7579,
122.5385, 161.9583

■ 36.8542, 38.1507,
55.0581

148.4502,
154.6034, 201.4923

■ 25.2677, 26.0997,
39.0493

184.0597,
191.8241, 246.9869

■ 16.4064, 16.8982,
26.4900

224.9518,
234.5853, 298.8608

■ 9.9049, 10.1620,
16.9615

271.4918,
283.2711, 357.5324

■ 5.3977, 5.5065,
10.0454

324.0452,

■ 2.5196, 2.5474,

338.2661, 423.4203

5.3231

382.9772,
399.9546, 496.9431

■ 0.9051, 0.9003,
2.3760

■ 0.0000, 0.0000,
0.7733

■ 69.6637, 72.3391,
99.0981

■ 69.6637, 72.3391,
99.0981

■ 58.5769, 59.9109,
97.2847

■ 82.3659, 86.3683,
101.1377

■ 49.0326, 49.0163,
95.6849

■ 93.9435, 99.5574,
103.0732

■ 40.9620, 39.5965,
94.2920

■ 34.2882, 31.5848,
93.0974

■ 28.9271, 24.9096,
92.0915

■ 24.7847, 19.4919,
91.2641

■ 21.7536, 15.2435,
90.6038

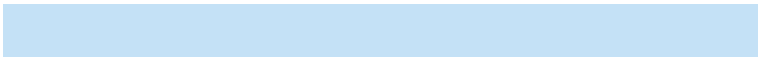
■ 19.7047, 12.0620,
90.0977

■ 18.9534, 10.7972,
89.8932

Harmonies

Analogous

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



66.2870, 72.3391, 97.6778



69.6637, 72.3391, 99.0981



72.9012, 72.3391, 94.7211

Triad

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



69.6637, 72.3391, 99.0981



74.1226, 72.3391, 67.6888



62.8007, 72.3391, 71.8217

Complementary

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



69.6637, 72.3391, 99.0981



81.0443, 85.8084, 73.9208

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.



64.7713, 72.3391, 64.7096



69.6637, 72.3391, 99.0981



71.2859, 72.3391, 62.4661

Square

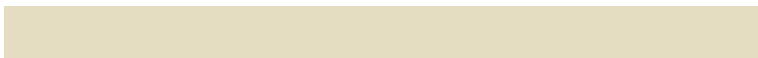
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6637, 72.3391, 99.0981



75.5310, 72.3391, 76.2054



67.8565, 72.3391, 61.4227



62.3991, 72.3391, 81.3812

Rectangle

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



69.6637, 72.3391, 99.0981



74.5190, 72.3391, 89.3037



67.8565, 72.3391, 61.4227



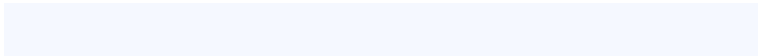
63.2984, 72.3391, 69.0899

Sweetspot

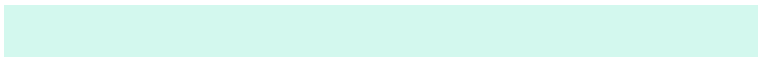
The Sweet Spot groups the original color and five complimentary colors.



69.6659, 72.3421, 99.0997



89.0680, 93.4596, 107.9529



75.7944, 87.1297, 93.3413



18.8303, 19.7477, 23.0692



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.



69.6659, 72.3421, 99.0997



70.3638, 72.7719, 104.9456



69.4574, 68.4301, 98.3556



16.6648, 17.4064, 21.8667



10.3372, 6.0300, 48.5926



1.0412, 0.7260, 4.5284

Inverse Universe

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



75.0585, 71.7671, 78.3064



77.1841, 72.1576, 78.6224



81.2561, 90.3616, 74.7884



17.4373, 17.3023, 18.8927



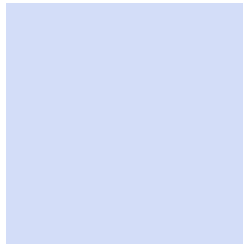
21.5098, 11.0196, 4.1269



2.0345, 1.0375, 0.6049

Previews

White Background



This preview shows how the XYZ color 69.6637, 72.3391, 99.0981 looks on a white background.

Color Contrast Check

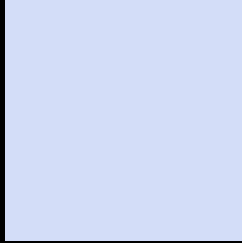
Large Text (above 18pt) WCAG AA × Fail

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 69.6637, 72.3391, 99.0981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

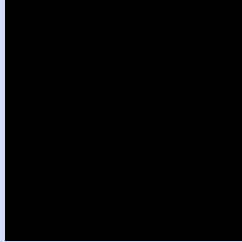
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6637, 72.3391, 99.0981

Background



This preview shows how black text looks on a background with the XYZ color 69.6637, 72.3391, 99.0981.



This preview shows how white text looks on a background with the XYZ color 69.6637, 72.3391,

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

69.6637, 72.3391, 99.0981

Protanopia

70.7353, 72.1301, 98.1900

Deuteranopia

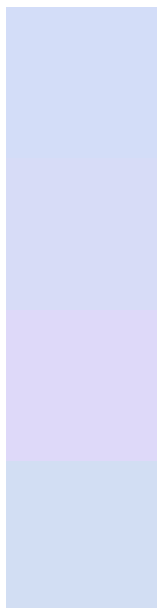
73.7124, 72.0984, 99.6539



Tritanopia

68.4278, 72.2355, 92.7744

Trichromacy



Original Color

69.6637, 72.3391, 99.0981

Protanomaly

70.4060, 72.3489, 98.2496

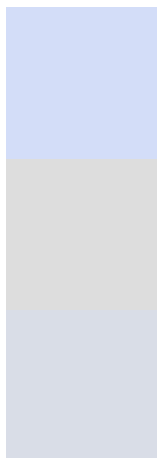
Deuteranomaly

72.0359, 71.9949, 99.7222

Tritanomaly

68.8773, 72.4153, 95.1413

Monochromacy



Original Color

69.6637, 72.3391, 99.0981

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8955, 72.2341, 85.9127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6637, 72.3391, 99.0981 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, 221, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 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, 221, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 248) }
```

Border

The CSS property to change the border of an element to XYZ 69.6637, 72.3391, 99.0981 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, 221, 248) }
```


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

```
.border{ border-color:rgb(211, 221, 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, 221, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6637, 72.3391, 99.0981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 248) }
```

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

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