

Converting Colors

XYZ(71.6438, 72.5627, 99.8525)

Have a look what the booklet for
XYZ(71.6438, 72.5627, 99.8525)
contains.

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Color

**XYZ(71.6438, 72.5627,
99.8525)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDBF9
RGB	219, 219, 249
RGB Percent	86%, 86%, 98%
CMY	0.1412, 0.1412, 0.0235
CMYK	0.12, 0.12, 0.00, 0.02
HSL	240°, 71%, 92%
HSV	240°, 12%, 98%
XYZ	71.6438, 72.5627, 99.8525
YIQ	222.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

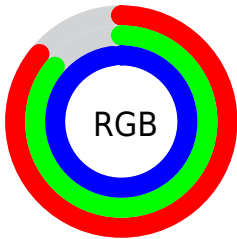
Format	Color
R _Y B	219, 219, 249
Decimal	14408697
CIE Lab	88.24, 5.74, -14.59
CIE LCh	88, 15.676, 291.463
Yxy	72.5627, 0.2936, 0.2973
Android (android.graphics.Color)	4292598777 (0xFFDBDBF9)
YUV	222.4200, 13.1039, -2.9993
Hunter-Lab	85.1837, 1.0559, -9.8712

Details

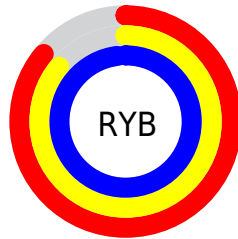
The XYZ color **71.6438, 72.5627, 99.8525** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7290, 93.0049, 80.4526**, and the grayscale version is **69.6450, 73.2719, 79.7931**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2109, 38.2937, 55.8296** is the 20% darker color. If you saturate the color by 10%, you get **58.6891, 56.9539, 97.5236**, and if you desaturate by 10%, it is **86.6948, 90.6981, 102.5608**.

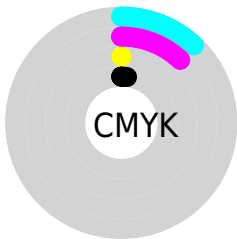
Distribution



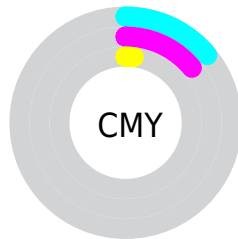
- Red (86%)
- Green (86%)
- Blue (98%)



- Red (86%)
- Yellow (86%)
- Blue (98%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6438, 72.5627, 99.8525 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 71.6438, 72.5627, 99.8525 by changing the saturation by 10% instead.

■ 71.6438, 72.5627,
99.8525

■ 71.6438, 72.5627,
99.8525

455.4777,
469.4978, 580.9623

■ 53.1522, 53.6185,
75.5612

120.5635,
122.8562, 163.0046

■ 38.1522, 38.2967,
55.5682

151.7223,
154.9743, 202.7024

■ 26.2786, 26.2131,
39.4552

187.8342,
192.2524, 248.3728

■ 17.1660, 16.9831,
26.8035

229.2646,
235.0750, 300.4343

■ 10.4489, 10.2224,
17.1945

276.3788,
283.8264, 359.3055

■ 5.7621, 5.5467,
10.2099

329.5421,

■ 2.7403, 2.5715,

338.8911, 425.4048

5.4309

389.1200,
400.6534, 499.1509

■ 1.0179, 0.9123,
2.4391

■ 0.0000, 0.0000,
0.8076

■ 71.6438, 72.5627,
99.8525

■ 71.6438, 72.5627,
99.8525

■ 58.6891, 56.9539,
97.5236

■ 86.6948, 90.6981,
102.5608

■ 47.7317, 43.7511,
95.5528

■ 94.0991, 99.6196,
103.8926

■ 38.6741, 32.8374,
93.9236

■ 31.4084, 24.0827,
92.6167

■ 25.8156, 17.3436,
91.6107

■ 21.7627, 12.4598,
90.8816

■ 19.0960, 9.2464,
90.4019

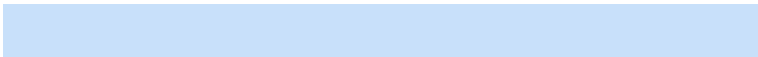
■ 17.6306, 7.4804,
90.1383

■ 17.0994, 6.8402,
90.0427

Harmonies

Analogous

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



67.9026, 72.5627, 101.2671



71.6438, 72.5627, 99.8525



74.7706, 72.5627, 92.6012

Triad

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



71.6438, 72.5627, 99.8525



73.5645, 72.5627, 63.9156



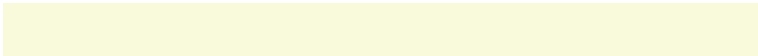
62.0735, 72.5627, 75.9790

Complementary

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



71.6438, 72.5627, 99.8525



85.7290, 93.0049, 80.4526

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.



63.4749, 72.5627, 66.8155



71.6438, 72.5627, 99.8525



70.0459, 72.5627, 60.2766

Square

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



71.6438, 72.5627, 99.8525



75.9072, 72.5627, 71.6829



66.3610, 72.5627, 61.2879



62.4664, 72.5627, 86.8168

Rectangle

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



71.6438, 72.5627, 99.8525



76.0417, 72.5627, 85.7650



66.3610, 72.5627, 61.2879



62.3485, 72.5627, 72.6164

Sweetspot

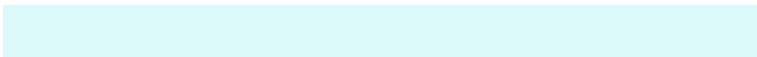
The Sweet Spot groups the original color and five complimentary colors.



71.6460, 72.5657, 99.8541



88.2287, 91.7810, 107.6731



80.1113, 89.6211, 102.2916



18.6188, 19.3247, 22.9987



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.



71.6460, 72.5657, 99.8541



72.7646, 73.1483, 104.8917



76.1995, 74.9119, 100.0670



16.2833, 16.6434, 21.7396



9.1530, 3.6615, 48.1979



0.8478, 0.3392, 4.4640

Inverse Universe

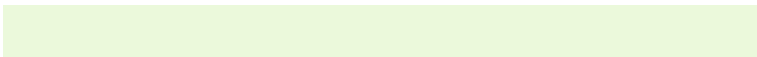
The Inverse Universe completely reimagines the original color for something new.



77.1863, 75.9188, 77.6070



79.4761, 77.2102, 77.9419



80.7592, 90.4443, 80.2203



17.2448, 17.2253, 17.8787



20.9120, 10.7805, 0.9792



1.9368, 0.9985, 0.0908

Previews

White Background



This preview shows how the XYZ color 71.6438, 72.5627, 99.8525 looks on a white background.

Color Contrast Check

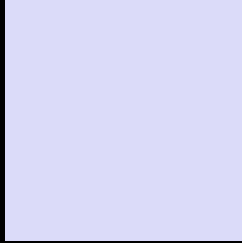
Large Text (above 18pt) WCAG AA × Fail

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 71.6438, 72.5627, 99.8525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

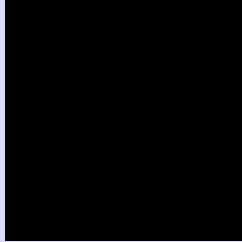
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6438, 72.5627, 99.8525

Background



This preview shows how black text looks on a background with the XYZ color 71.6438, 72.5627, 99.8525.

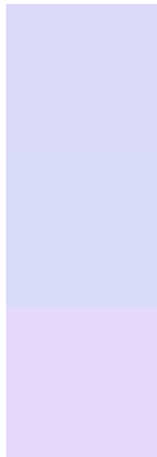


This preview shows how white text looks on a background with the XYZ color 71.6438, 72.5627,

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

71.6438, 72.5627, 99.8525

Protanopia

71.3074, 72.7777, 99.9117

Deuteranopia

74.1243, 72.6719, 100.5628



Tritanopia

69.9043, 72.6377, 91.2250

Trichromacy



Original Color

71.6438, 72.5627, 99.8525

Protanomaly

71.6055, 72.9314, 99.9257

Deuteranomaly

73.1195, 72.5354, 100.5894

Tritanomaly

70.5337, 72.5026, 94.2813

Monochromacy



Original Color

71.6438, 72.5627, 99.8525

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2407, 72.9113, 86.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6438, 72.5627, 99.8525 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(219, 219, 249)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 249)  
}
```

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(219, 219, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 249) }
```

Border

The CSS property to change the border of an element to XYZ 71.6438, 72.5627, 99.8525 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(219, 219, 249) }
```


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

```
.border{ border-color:rgb(219, 219, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 249);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6438, 72.5627, 99.8525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 249) }
```

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

```
.background{ background-color: rgb(219,  
219, 249) }
```

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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