

Converting Colors

XYZ(72.0649, 70.9464, 97.4273)

Have a look what the booklet for
XYZ(72.0649, 70.9464, 97.4273)
contains.

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Color

**XYZ(72.0452, 70.9157,
97.0797)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D6F6
RGB	226, 214, 246
RGB Percent	89%, 84%, 96%
CMY	0.1137, 0.1608, 0.0353
CMYK	0.08, 0.13, 0.00, 0.04
HSL	262°, 64%, 90%
HSV	262°, 13%, 96%
XYZ	72.0452, 70.9157, 97.0797
YIQ	221.2360, -3.1200, 12.4960

Conversions

Conversions Part 2

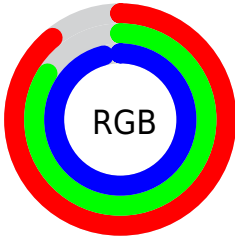
Format	Color
R _Y B	226, 214, 246
Decimal	14866166
CIE Lab	87.44, 10.01, -14.14
CIE LCh	87, 17.327, 305.287
Yxy	70.9157, 0.3001, 0.2954
Android (android.graphics.Color)	4293056246 (0xFFE2D6F6)
YUV	221.2360, 12.2087, 4.1780
Hunter-Lab	84.2115, 5.3416, -9.4020

Details

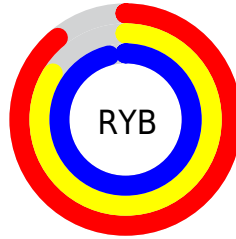
The XYZ color **72.0452, 70.9157, 97.0797** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0275, 88.2608, 76.4925**, and the grayscale version is **68.8133, 72.3969, 78.8403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4870, 37.1719, 53.8616** is the 20% darker color. If you saturate the color by 10%, you get **61.6765, 57.0172, 94.9446**, and if you desaturate by 10%, it is **83.7907, 86.9234, 99.5515**.

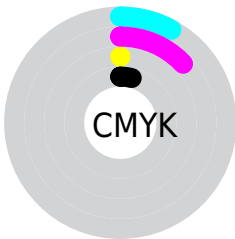
Distribution



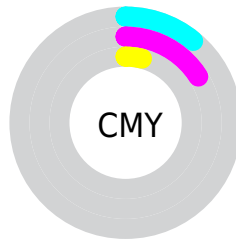
- Red (89%)
- Green (84%)
- Blue (96%)



- Red (89%)
- Yellow (84%)
- Blue (96%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0452, 70.9157, 97.0797 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 72.0452, 70.9157, 97.0797 by changing the saturation by 10% instead.

72.0452, 70.9157,
97.0797

72.0452, 70.9157,
97.0797

456.8541,
463.7587, 571.9552

53.4812, 52.2734,
73.2607

121.1312,
120.5137, 159.1549

38.4161, 37.2230,
53.6960

152.3840,
152.2382, 198.2482

26.4844, 25.3802,
37.9672

188.5970,
189.0922, 243.2699

17.3210, 16.3606,
25.6556

230.1357,
231.4601, 294.6387

10.5603, 9.7797,
16.3427

277.3654,
279.7263, 352.7731

5.8371, 5.2531,
9.6100

330.6515,

2.7860, 2.3965,

334.2752, 418.0917

5.0390

390.3593,
395.4912, 491.0128

■ 1.0416, 0.8241,
2.2110

■ 0.0000, 0.0000,
0.6807

■ 72.0452, 70.9157,
97.0797

■ 72.0452, 70.9157,
97.0797

■ 61.6765, 57.0172,
94.9446

■ 83.7907, 86.9234,
99.5515

■ 52.6250, 45.1292,
93.1271

■ 93.6348, 99.4339,
101.4475

■ 44.8357, 35.1581,
91.6130

■ 38.2474, 26.9992,
90.3854

■ 32.7928, 20.5378,
89.4257

■ 28.3976, 15.6451,
88.7130

■ 24.9772, 12.1734,
88.2231

■ 22.4310, 9.9443,
87.9271

■ 21.0723, 8.9416,
87.8051

Harmonies

Analogous

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



68.1300, 70.9157, 101.8612



72.0452, 70.9157, 97.0797



74.7964, 70.9157, 87.0107

Triad

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



72.0452, 70.9157, 97.0797



70.7420, 70.9157, 58.5230



59.8777, 70.9157, 79.3076

Complementary

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



72.0452, 70.9157, 97.0797



79.0275, 88.2608, 76.4925

Split Complementary

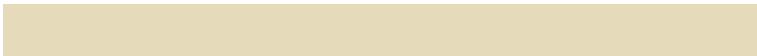
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.5141, 70.9157, 68.1838



72.0452, 70.9157, 97.0797



66.6817, 70.9157, 56.9045

Square

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



72.0452, 70.9157, 97.0797



74.0229, 70.9157, 64.9309



62.9651, 70.9157, 60.2639



61.1905, 70.9157, 90.9586

Rectangle

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



72.0452, 70.9157, 97.0797



75.5417, 70.9157, 79.0788



62.9651, 70.9157, 60.2639



59.8714, 70.9157, 75.3810

Sweetspot

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



72.0473, 70.9187, 97.0813



89.5751, 92.4747, 107.7360



73.8674, 79.9500, 98.7285



18.9583, 19.4996, 23.0145



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.



72.0473, 70.9187, 97.0813



74.6195, 72.1545, 104.6021



77.2097, 73.5800, 97.3229



16.1682, 16.2294, 20.8230



11.3901, 4.8461, 46.8731



1.1110, 0.4826, 4.1248

Inverse Universe

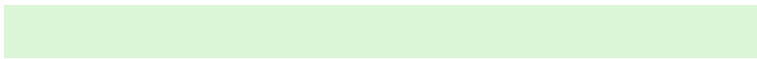
The Inverse Universe completely reimagines the original color for something new.



76.9063, 73.6295, 88.0036



81.0211, 75.7280, 92.5528



74.0891, 85.7149, 76.2614



16.9348, 16.6568, 19.4031



23.4591, 11.7271, 17.6578



2.1116, 1.0506, 1.8138

Previews

White Background



This preview shows how the XYZ color 72.0452, 70.9157, 97.0797 looks on a white background.

Color Contrast Check

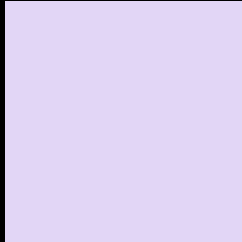
Large Text (above 18pt) WCAG AA × Fail

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 72.0452, 70.9157, 97.0797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

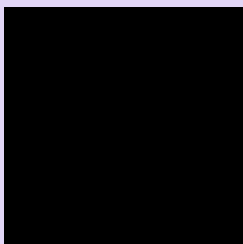
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0452, 70.9157, 97.0797

Background



This preview shows how black text looks on a background with the XYZ color 72.0452, 70.9157, 97.0797.

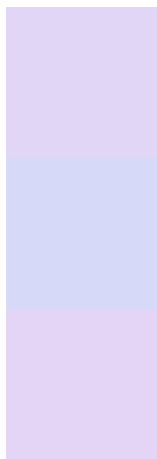


This preview shows how white text looks on a background with the XYZ color 72.0452, 70.9157,

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

72.0452, 70.9157, 97.0797

Protanopia

69.4877, 70.6992, 98.7908

Deuteranopia

72.4237, 70.7363, 97.0251



Tritanopia

70.0043, 70.8422, 87.0751

Trichromacy



Original Color

72.0452, 70.9157, 97.0797

Protanomaly

70.2578, 70.7326, 97.9455

Deuteranomaly

72.1074, 70.5732, 97.0103

Tritanomaly

70.7844, 70.7815, 90.8204

Monochromacy



Original Color

72.0452, 70.9157, 97.0797

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.7858, 71.5440, 84.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0452, 70.9157, 97.0797 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(226, 214, 246)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 246)  
}
```

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(226, 214, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 246) }
```

Border

The CSS property to change the border of an element to XYZ 72.0452, 70.9157, 97.0797 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(226, 214, 246) }
```


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

```
.border{ border-color:rgb(226, 214, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 246);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0452, 70.9157, 97.0797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 246) }
```

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

```
.background{ background-color: rgb(226,  
214, 246) }
```

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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