

Converting Colors

XYZ(73.5186, 68.6987, 97.0430)

Have a look what the booklet for
XYZ(73.5186, 68.6987, 97.0430)
contains.

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Color

**XYZ(73.4519, 68.6909,
97.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCEF7
RGB	236, 206, 247
RGB Percent	93%, 81%, 97%
CMY	0.0745, 0.1921, 0.0314
CMYK	0.04, 0.17, 0.00, 0.03
HSL	284°, 72%, 89%
HSV	284°, 17%, 97%
XYZ	73.4519, 68.6909, 97.3830
YIQ	219.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

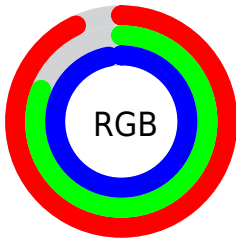
Format	Color
R _Y B	236, 206, 247
Decimal	15519479
CIE Lab	86.35, 17.67, -16.23
CIE LCh	86, 23.991, 317.435
Yxy	68.6909, 0.3067, 0.2868
Android (android.graphics.Color)	4293709559 (0xFFECCEF7)
YUV	219.6440, 13.4865, 14.3442
Hunter-Lab	82.8800, 13.1546, -11.6491

Details

The XYZ color **73.4519, 68.6909, 97.3830** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.0190, 85.7312, 71.0952**, and the grayscale version is **67.6880, 71.2130, 77.5510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4546, 35.9214, 54.1442** is the 20% darker color. If you saturate the color by 10%, you get **65.8075, 56.6072, 95.4546**, and if you desaturate by 10%, it is **82.1165, 82.6913, 99.6297**.

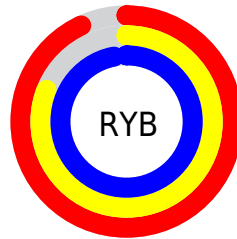
Distribution



Red (93%)

Green (81%)

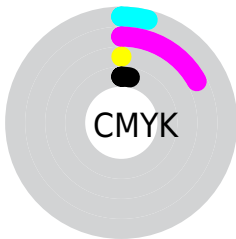
Blue (97%)



Red (93%)

Yellow (81%)

Blue (97%)

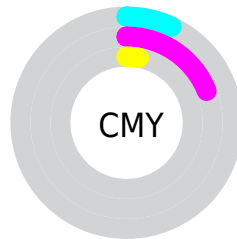


Cyan (4%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (7%)

Magenta (19%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4519, 68.6909, 97.3830 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 73.4519, 68.6909, 97.3830 by changing the saturation by 10% instead.

73.4519, 68.6909,
97.3830

73.4519, 68.6909,
97.3830

461.6591,
455.9400, 572.9442

54.6352, 50.4600,
73.5121

123.1182,
117.3400, 159.5765

39.3424, 35.7791,
53.9005

154.6986,
148.5270, 198.7362

27.2082, 24.2636,
38.1294

191.2642,
184.8014, 243.8293

17.8670, 15.5293,
25.7806

233.1805,
226.5478, 295.2743

10.9537, 9.1917,
16.4353

280.8128,
274.1505, 353.4898

6.1027, 4.8664,
9.6750

334.5264,

2.9489, 2.1691,

327.9938, 418.8942

5.0812

394.6867,
388.4622, 491.9061

■ 1.1268, 0.7031,
2.2354

■ 0.0474, 0.0000,
0.6947

■ 73.4519, 68.6909,
97.3830

■ 73.4519, 68.6909,
97.3830

■ 65.8075, 56.6072,
95.4546

■ 82.1165, 82.6913,
99.6297

■ 59.1327, 46.3439,
93.8253

■ 91.7070, 98.4223,
102.1606

■ 53.3816, 37.8095,
92.4812

■ 93.7887, 99.4955,
102.2581

■ 48.5021, 30.9010,
91.4049

■ 44.4364, 25.5042,
90.5774

■ 41.1191, 21.4898,
89.9774

■ 38.4738, 18.7062,
89.5796

■ 36.4047, 16.9633,
89.3522

■ 35.7814, 16.5066,
89.2969

Harmonies

Analogous

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



68.5323, 68.6909, 107.8344



73.4519, 68.6909, 97.3830



76.2466, 68.6909, 81.6274

Triad

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



73.4519, 68.6909, 97.3830



67.6334, 68.6909, 48.7946



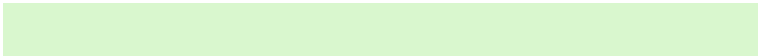
55.6446, 68.6909, 84.3099

Complementary

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



73.4519, 68.6909, 97.3830



73.0190, 85.7312, 71.0952

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.



55.4344, 68.6909, 68.3506



73.4519, 68.6909, 97.3830



62.1490, 68.6909, 49.3009

Square

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



73.4519, 68.6909, 97.3830



72.7619, 68.6909, 54.5002



57.7538, 68.6909, 55.9977



58.3455, 68.6909, 99.5845

Rectangle

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



73.4519, 68.6909, 97.3830



76.4303, 68.6909, 70.9146



57.7538, 68.6909, 55.9977



55.2860, 68.6909, 78.8097

Sweetspot

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



73.4540, 68.6938, 97.3845



89.8692, 91.4901, 107.5305



67.2170, 69.7844, 97.9237



19.0848, 19.3360, 22.9763



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.



73.4540, 68.6938, 97.3845



76.0266, 69.1623, 103.9504



75.8809, 70.0996, 90.5117



16.7546, 16.5316, 20.8504



19.0656, 8.8030, 47.2323



1.7730, 0.8239, 4.1558

Inverse Universe

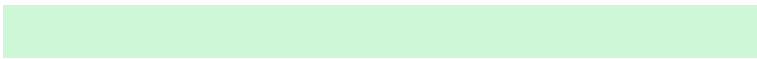
The Inverse Universe completely reimagines the original color for something new.



72.9558, 68.9296, 75.1084



75.4464, 69.4911, 75.5494



70.9675, 84.5454, 76.7929



16.6817, 16.5555, 18.0705



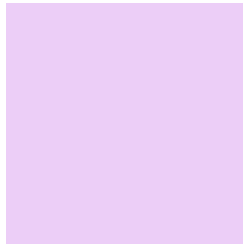
20.8607, 10.6877, 3.9748



1.8745, 0.9558, 0.5656

Previews

White Background



This preview shows how the XYZ color 73.4519, 68.6909, 97.3830 looks on a white background.

Color Contrast Check

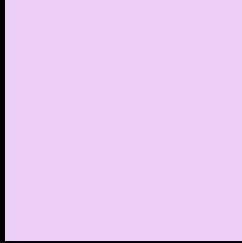
Large Text (above 18pt) WCAG AA × Fail

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 73.4519, 68.6909, 97.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

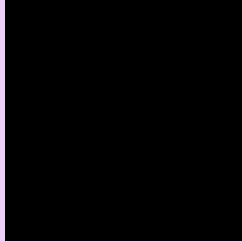
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4519, 68.6909, 97.3830

Background



This preview shows how black text looks on a background with the XYZ color 73.4519, 68.6909, 97.3830.



This preview shows how white text looks on a background with the XYZ color 73.4519, 68.6909,

97.3830.

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

73.4519, 68.6909, 97.3830

Protanopia

68.0707, 68.7403, 102.6090

Deuteranopia

70.3602, 68.9303, 96.7853



Tritanopia

70.3783, 68.9078, 81.5427

Trichromacy



Original Color

73.4519, 68.6909, 97.3830

Protanomaly

69.9203, 68.6136, 100.8253

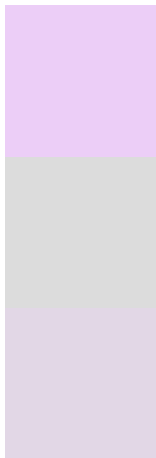
Deuteranomaly

71.4299, 68.7487, 96.6938

Tritanomaly

71.5834, 69.0339, 87.3939

Monochromacy



Original Color

73.4519, 68.6909, 97.3830

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.9474, 70.4828, 84.7808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4519, 68.6909, 97.3830 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(236, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 206, 247)  
}
```

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(236, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 206, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.4519, 68.6909, 97.3830 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(236, 206, 247) }
```


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

```
.border{ border-color:rgb(236, 206, 247) }
```

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

Here you see how a box with a 4 pixel rgb(236, 206, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 206,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4519, 68.6909, 97.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 206, 247) }
```

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

```
.background{ background-color: rgb(236,  
206, 247) }
```

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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