

Converting Colors

XYZ(73.5377, 71.2928, 97.8807)

Have a look what the booklet for
XYZ(73.5377, 71.2928, 97.8807)
contains.

XYZ(73.5377, 71.2928, 97.8807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.5377, 71.2928,
97.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D5F7
RGB	231, 213, 247
RGB Percent	91%, 84%, 97%
CMY	0.0941, 0.1647, 0.0314
CMYK	0.06, 0.14, 0.00, 0.03
HSL	272°, 68%, 90%
HSV	272°, 14%, 97%
XYZ	73.5377, 71.2928, 97.8807
YIQ	222.2580, -0.1860, 14.3900

Conversions

Conversions Part 2

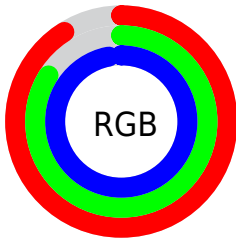
Format	Color
RYB	231, 213, 247
Decimal	15193591
CIELab	87.63, 12.35, -14.36
CIELCh	88, 18.935, 310.698
Yxy	71.2928, 0.3030, 0.2937
Android (android.graphics.Color)	4293383671 (0xFFE7D5F7)
YUV	222.2580, 12.1978, 7.6667
Hunter-Lab	84.4351, 7.7011, -9.6269

Details

The XYZ color **73.5377, 71.2928, 97.8807** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5867, 87.9855, 75.8479**, and the grayscale version is **69.5318, 73.1529, 79.6635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3100, 37.3293, 54.4236** is the 20% darker color. If you saturate the color by 10%, you get **64.1642, 57.9311, 95.7968**, and if you desaturate by 10%, it is **84.1109, 86.6814, 100.2948**.

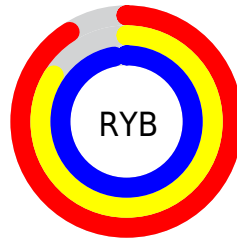
Distribution



Red (91%)

Green (84%)

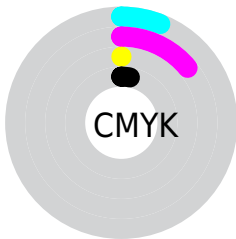
Blue (97%)



Red (91%)

Yellow (84%)

Blue (97%)

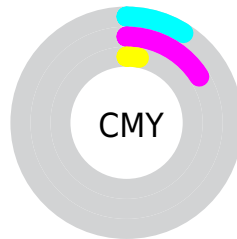


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5377, 71.2928, 97.8807 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 73.5377, 71.2928, 97.8807 by changing the saturation by 10% instead.

73.5377, 71.2928,
97.8807

73.5377, 71.2928,
97.8807

461.9513,
465.0763, 574.5649

54.7057, 52.5812,
73.9248

123.2393,
121.0505, 160.2681

39.3990, 37.4685,
54.2361

154.8395,
152.8655, 199.5367

27.2524, 25.5705,
38.3960

191.4266,
189.8169, 244.7466

17.9005, 16.5026,
25.9860

233.3658,
232.2893, 296.3164

10.9778, 9.8805,
16.5875

281.0225,
280.6671, 354.6646

6.1191, 5.3198,
9.7820

334.7621,

2.9590, 2.4361,

335.3346, 420.2097

5.1509

394.9499,
396.6762, 493.3703

■ 1.1321, 0.8444,
2.2758

■ 0.0517, 0.0000,
0.7176

■ 73.5377, 71.2928,
97.8807

■ 73.5377, 71.2928,
97.8807

■ 64.1642, 57.9311,
95.7968

■ 84.1109, 86.6814,
100.2948

■ 55.9365, 46.4993,
94.0238

■ 93.5137, 99.3537,
102.2452

■ 48.8058, 36.9061,
92.5480

■ 93.7887, 99.4955,
102.2581

■ 42.7171, 29.0490,
91.3523

■ 37.6100, 22.8149,
90.4182

■ 33.4170, 18.0772,
89.7247

■ 30.0606, 14.6890,
89.2477

■ 27.4473, 12.4724,
88.9575

■ 26.1109, 11.5213,
88.8444

Harmonies

Analogous

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



69.3740, 71.2928, 104.4898



73.5377, 71.2928, 97.8807



76.2246, 71.2928, 86.0727

Triad

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



73.5377, 71.2928, 97.8807



70.6503, 71.2928, 56.5851



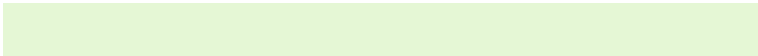
59.6417, 71.2928, 82.2979

Complementary

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



73.5377, 71.2928, 97.8807



77.5867, 87.9855, 75.8479

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.



59.9496, 71.2928, 69.7503



73.5377, 71.2928, 97.8807



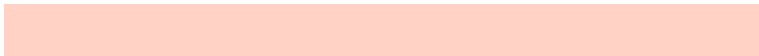
66.1745, 71.2928, 55.8125

Square

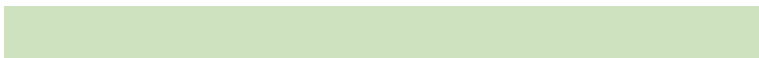
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5377, 71.2928, 97.8807



74.5073, 71.2928, 62.6191



62.2963, 71.2928, 60.3776



61.4360, 71.2928, 94.8567

Rectangle

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



73.5377, 71.2928, 97.8807



76.7490, 71.2928, 77.3254



62.2963, 71.2928, 60.3776



59.5049, 71.2928, 77.9268

Sweetspot

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



73.5398, 71.2958, 97.8823



90.1378, 92.7647, 107.7624



72.3711, 77.1430, 99.0725



19.1006, 19.5729, 23.0212



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.



73.5398, 71.2958, 97.8823



75.6345, 71.7260, 104.4659



78.8552, 74.0461, 97.6752



16.4187, 16.3585, 20.8347



13.9746, 6.1785, 46.9941



1.3469, 0.6042, 4.1359

Inverse Universe

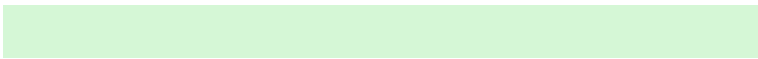
The Inverse Universe completely reimagines the original color for something new.



76.2973, 73.0229, 84.2058



79.2689, 74.0013, 86.4882



72.7862, 85.5024, 75.9994



16.8238, 16.6124, 18.8186



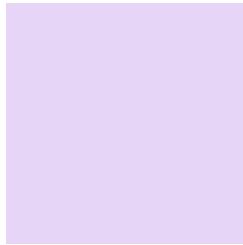
22.0314, 11.1560, 10.1397



1.9878, 1.0011, 1.1623

Previews

White Background



This preview shows how the XYZ color 73.5377, 71.2928, 97.8807 looks on a white background.

Color Contrast Check

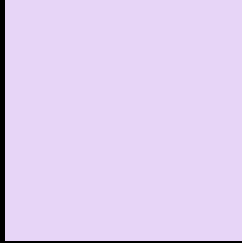
Large Text (above 18pt) WCAG AA × Fail

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 73.5377, 71.2928, 97.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

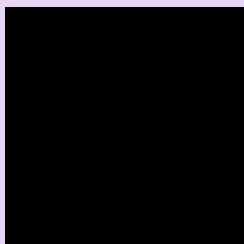
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5377, 71.2928, 97.8807

Background



This preview shows how black text looks on a background with the XYZ color 73.5377, 71.2928, 97.8807.



This preview shows how white text looks on a background with the XYZ color 73.5377, 71.2928,

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

73.5377, 71.2928, 97.8807

Protanopia

70.0583, 71.3411, 100.5202

Deuteranopia

72.8300, 71.3025, 97.9199



Tritanopia

71.1790, 71.0851, 86.3132

Trichromacy



Original Color

73.5377, 71.2928, 97.8807

Protanomaly

71.1699, 71.1669, 99.6081

Deuteranomaly

73.1482, 71.4665, 97.9348

Tritanomaly

71.9658, 71.0306, 90.0380

Monochromacy



Original Color

73.5377, 71.2928, 97.8807

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8067, 72.4401, 85.8517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5377, 71.2928, 97.8807 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(231, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 213, 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(231, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 213, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.5377, 71.2928, 97.8807 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(231, 213, 247) }
```


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

```
.border{ border-color:rgb(231, 213, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 213,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5377, 71.2928, 97.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 213, 247) }
```

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

```
.background{ background-color: rgb(231,  
213, 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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