

Converting Colors

XYZ(73.2218, 70.7235,
101.8846)

Have a look what the booklet for
XYZ(73.2218, 70.7235, 101.8846)
contains.

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Color

**XYZ(73.1091, 70.6092,
101.8711)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E4D4FC |
| RGB | 228, 212, 252 |
| RGB Percent | 89%, 83%, 99% |
| CMY | 0.1059, 0.1686, 0.0118 |
| CMYK | 0.10, 0.16, 0.00, 0.01 |
| HSL | 264°, 87%, 91% |
| HSV | 264°, 16%, 99% |
| XYZ | 73.1091, 70.6092, 101.8711 |
| YIQ | 221.3440, -3.3040, 15.8320 |

Conversions

Conversions Part 2

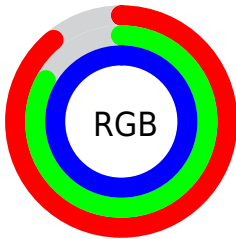
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 228, 212, 252 |
| Decimal | 14996732 |
| CIE Lab | 87.29, 12.89, -17.52 |
| CIE LCh | 87, 21.746, 306.339 |
| Yxy | 70.6092, 0.2977, 0.2875 |
| Android (android.graphics.Color) | 4293186812 (0xFFE4D4FC) |
| YUV | 221.3440, 15.1134, 5.8373 |
| Hunter-Lab | 84.0293, 8.2515, -13.0585 |

Details

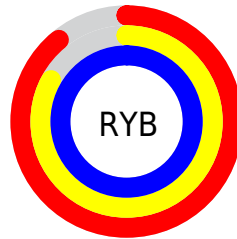
The XYZ color **73.1091, 70.6092, 101.8711** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2885, 92.2089, 75.8044**, and the grayscale version is **68.8695, 72.4561, 78.9046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9206, 36.8247, 56.6863** is the 20% darker color. If you saturate the color by 10%, you get **62.7060, 56.6147, 99.7193**, and if you desaturate by 10%, it is **84.9192, 86.7922, 104.3734**.

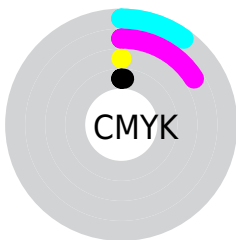
Distribution



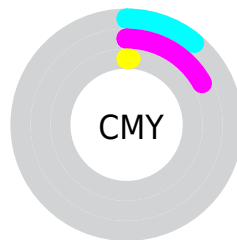
- Red (89%)
- Green (83%)
- Blue (99%)



- Red (89%)
- Yellow (83%)
- Blue (99%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1091, 70.6092, 101.8711 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 73.1091, 70.6092, 101.8711 by changing the saturation by 10% instead.

73.1091, 70.6092,
101.8711

73.1091, 70.6092,
101.8711

460.4908,
462.6861, 587.4729

54.3539, 52.0233,
77.2385

122.6344,
120.0771, 165.8004

39.1164, 37.0237,
56.9359

154.1351,
151.7279, 205.9342

27.0315, 25.2258,
40.5448

190.6151,
188.5026, 252.0721

17.7336, 16.2454,
27.6465

232.4397,
230.7853, 304.6327

10.8574, 9.6980,
17.8227

279.9742,
278.9607, 364.0346

6.0376, 5.1992,
10.6546

333.5839,

2.9088, 2.3646,

333.4130, 430.6962

5.7239

393.6344,
394.5267, 505.0361

■ 1.1057, 0.8076,
2.6119

■ 0.0299, 0.0000,
0.8986

■ 73.1091, 70.6092,
101.8711

■ 73.1091, 70.6092,
101.8711

■ 62.7060, 56.6147,
99.7193

■ 84.9192, 86.7922,
104.3734

■ 53.6473, 44.7032,
97.8976

94.5709, 99.8084,
106.3770

■ 45.8750, 34.7740,
96.3907

■ 39.3238, 26.7140,
95.1803

■ 33.9225, 20.3985,
94.2459

■ 29.5912, 15.6868,
93.5647

■ 26.2380, 12.4153,
93.1100

■ 23.7515, 10.3822,
92.8487

■ 22.9145, 9.7831,
92.7771

Harmonies

Analogous

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



68.2035, 70.6092, 108.4055



73.1091, 70.6092, 101.8711



76.5276, 70.6092, 88.7464

Triad

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



73.1091, 70.6092, 101.8711



71.1362, 70.6092, 53.8640



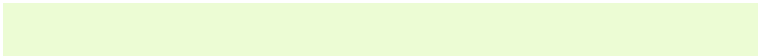
57.8054, 70.6092, 80.0330

Complementary

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



73.1091, 70.6092, 101.8711



81.2885, 92.2089, 75.8044

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.



58.5021, 70.6092, 66.1241



73.1091, 70.6092, 101.8711



66.0320, 70.6092, 52.1508

Square

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



73.1091, 70.6092, 101.8711



75.3487, 70.6092, 61.3719



61.4520, 70.6092, 56.3542



59.4984, 70.6092, 94.8058

Rectangle

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



73.1091, 70.6092, 101.8711



77.4114, 70.6092, 78.6937



61.4520, 70.6092, 56.3542



57.7691, 70.6092, 75.0972

Sweetspot

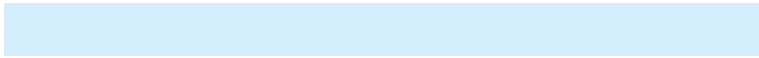
The Sweet Spot groups the original color and five complimentary colors.



73.1112, 70.6122, 101.8727



88.3578, 90.7110, 107.4598



74.9123, 81.4032, 103.8606



18.7174, 19.1466, 22.9591



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.



73.1112, 70.6122, 101.8727



71.5956, 67.7851, 103.9181



79.5917, 73.9530, 102.1759



16.9401, 16.9817, 21.7703



12.0916, 5.1762, 48.3353



1.2359, 0.5392, 4.4821

Inverse Universe

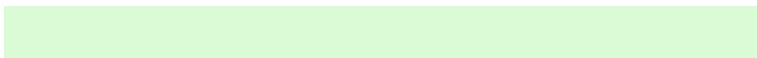
The Inverse Universe completely reimagines the original color for something new.



78.8310, 73.8415, 89.4579



78.5293, 71.7021, 88.7698



75.2127, 89.0767, 75.5201



17.6819, 17.4001, 20.1808



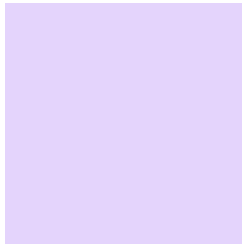
23.9053, 11.9778, 16.7416



2.2664, 1.1303, 1.8262

Previews

White Background



This preview shows how the XYZ color 73.1091, 70.6092, 101.8711 looks on a white background.

Color Contrast Check

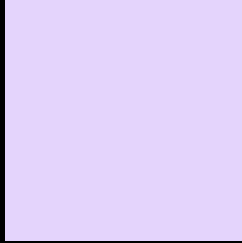
Large Text (above 18pt) WCAG AA × Fail

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 73.1091, 70.6092, 101.8711 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 73.1091, 70.6092, 101.8711

Background



This preview shows how black text looks on a background with the XYZ color 73.1091, 70.6092, 101.8711.



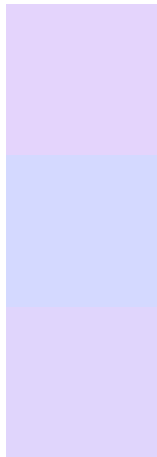
This preview shows how white text looks on a background with the XYZ color 73.1091, 70.6092,

101.8711.

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

73.1091, 70.6092, 101.8711

Protanopia

70.0142, 70.8428, 104.5916

Deuteranopia

72.1054, 70.4641, 101.8960



Tritanopia

69.9173, 70.4346, 86.2541

Trichromacy



Original Color

73.1091, 70.6092, 101.8711

Protanomaly

71.1033, 70.6621, 103.6575

Deuteranomaly

72.4163, 70.6243, 101.9106

Tritanomaly

70.9906, 70.4939, 91.5264

Monochromacy



Original Color

73.1091, 70.6092, 101.8711

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.3774, 71.8163, 86.4966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1091, 70.6092, 101.8711 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(228, 212, 252)` looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 252)  
}
```

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(228, 212, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 252) }
```

Border

The CSS property to change the border of an element to XYZ 73.1091, 70.6092, 101.8711 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(228, 212, 252) }
```


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

```
.border{ border-color:rgb(228, 212, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 212, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 252);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1091, 70.6092, 101.8711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 252) }
```

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

```
.background{ background-color: rgb(228,  
212, 252) }
```

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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