

Converting Colors

XYZ(73.7074, 70.6735, 96.1428)

Have a look what the booklet for
XYZ(73.7074, 70.6735, 96.1428)
contains.

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Color

**XYZ(73.7074, 70.6735,
96.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD3F5
RGB	234, 211, 245
RGB Percent	92%, 83%, 96%
CMY	0.0823, 0.1725, 0.0392
CMYK	0.04, 0.14, 0.00, 0.04
HSL	281°, 63%, 89%
HSV	281°, 14%, 96%
XYZ	73.7074, 70.6735, 96.1428
YIQ	221.7530, 2.7940, 15.4500

Conversions

Conversions Part 2

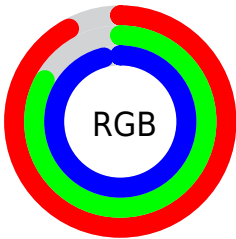
Format	Color
RYB	234, 211, 245
Decimal	15389685
CIELab	87.33, 14.00, -13.73
CIELCh	87, 19.603, 315.561
Yxy	70.6735, 0.3064, 0.2938
Android (android.graphics.Color)	4293579765 (0xFFEAD3F5)
YUV	221.7530, 11.4608, 10.7406
Hunter-Lab	84.0675, 9.3842, -8.9590

Details

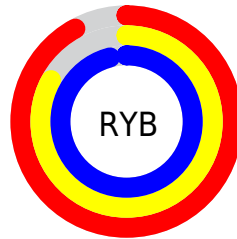
The XYZ color **73.7074, 70.6735, 96.1428** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.5370, 85.5394, 74.2137**, and the grayscale version is **69.1791, 72.7818, 79.2594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4339, 36.9160, 53.1912** is the 20% darker color. If you saturate the color by 10%, you get **65.5347, 58.1045, 94.1486**, and if you desaturate by 10%, it is **82.9284, 85.1638, 98.4548**.

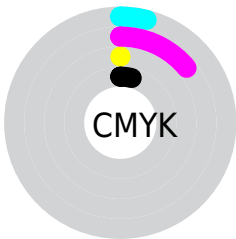
Distribution



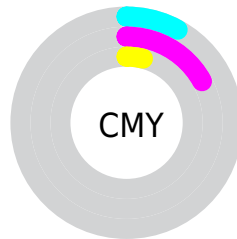
- Red (92%)
- Green (83%)
- Blue (96%)



- Red (92%)
- Yellow (83%)
- Blue (96%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7074, 70.6735, 96.1428 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 73.7074, 70.6735, 96.1428 by changing the saturation by 10% instead.

73.7074, 70.6735,
96.1428

73.7074, 70.6735,
96.1428

462.5288,
462.9113, 568.8946

54.8450, 52.0758,
72.4844

123.4787,
120.1687, 157.8516

39.5110, 37.0655,
53.0652

155.1183,
151.8350, 196.7391

27.3400, 25.2582,
37.4667

191.7477,
188.6263, 241.5400

17.9666, 16.2695,
25.2705

233.7322,
230.9269, 292.6728

11.0256, 9.7151,
16.0578

281.4372,
279.1214, 350.5562

6.1515, 5.2105,
9.4103

335.2281,

2.9789, 2.3713,

333.5940, 415.6085

4.9093

395.4702,
394.7291, 488.2485

■ 1.1426, 0.8110,
2.1363

■ 0.0603, 0.0000,
0.6373

■ 73.7074, 70.6735,
96.1428

■ 73.7074, 70.6735,
96.1428

■ 65.5347, 58.1045,
94.1486

■ 82.9284, 85.1638,
98.4548

■ 58.3605, 47.3633,
92.4534

■ 91.6144, 98.4101,
100.5538

■ 52.1405, 38.3619,
91.0438

■ 93.4816, 99.3727,
100.6412

■ 46.8240, 31.0015,
89.9033

■ 42.3553, 25.1731,
89.0139

■ 38.6720, 20.7542,
88.3550

■ 35.7018, 17.6028,
87.9033

■ 33.3570, 15.5459,
87.6299

■ 32.1512, 14.6706,
87.5245

Harmonies

Analogous

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



69.5808, 70.6735, 104.1093



73.7074, 70.6735, 96.1428



76.1343, 70.6735, 83.4609

Triad

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



73.7074, 70.6735, 96.1428



69.4091, 70.6735, 54.8790



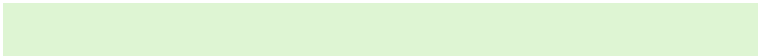
58.9853, 70.6735, 83.9695

Complementary

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



73.7074, 70.6735, 96.1428



74.5370, 85.5394, 74.2137

Split Complementary

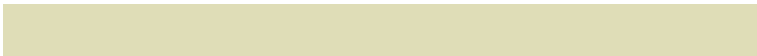
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.9441, 70.6735, 70.7896



73.7074, 70.6735, 96.1428



64.8214, 70.6735, 54.9820

Square

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



73.7074, 70.6735, 96.1428



73.5767, 70.6735, 60.2013



61.0368, 70.6735, 60.5006



61.1521, 70.6735, 96.5517

Rectangle

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



73.7074, 70.6735, 96.1428



76.3938, 70.6735, 74.5157



61.0368, 70.6735, 60.5006



58.7258, 70.6735, 79.4397

Sweetspot

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



73.7095, 70.6765, 96.1443



90.6782, 93.0433, 107.7876



69.5581, 72.8642, 96.7854



19.2375, 19.6435, 23.0276



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.



73.7095, 70.6765, 96.1443



77.7729, 72.8284, 104.5660



76.5818, 72.2557, 91.8318



16.6620, 16.4839, 20.8461



17.4714, 7.9812, 47.1577



1.6428, 0.7568, 4.1497

Inverse Universe

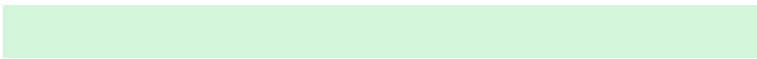
The Inverse Universe completely reimagines the original color for something new.



74.1377, 71.2780, 78.9611



78.3791, 73.6454, 81.8025



71.9999, 84.1480, 77.8690



16.7201, 16.5709, 18.2728



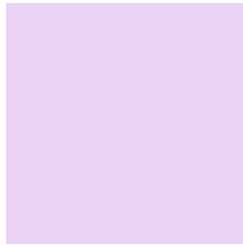
21.1078, 10.7866, 5.2763



1.9003, 0.9661, 0.7013

Previews

White Background



This preview shows how the XYZ color 73.7074, 70.6735, 96.1428 looks on a white background.

Color Contrast Check

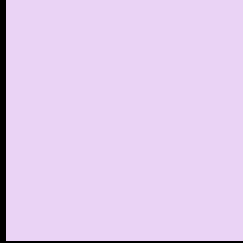
Large Text (above 18pt) WCAG AA × Fail

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 73.7074, 70.6735, 96.1428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

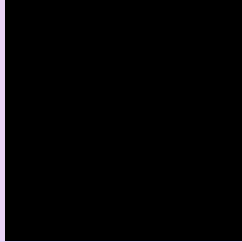
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7074, 70.6735, 96.1428

Background



This preview shows how black text looks on a background with the XYZ color 73.7074, 70.6735, 96.1428.

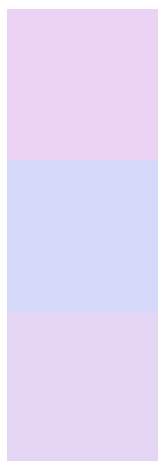


This preview shows how white text looks on a background with the XYZ color 73.7074, 70.6735,

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

73.7074, 70.6735, 96.1428

Protanopia

69.6433, 70.7614, 99.6103

Deuteranopia

72.2706, 70.6751, 96.2188



Tritanopia

71.3559, 70.4575, 84.7017

Trichromacy



Original Color

73.7074, 70.6735, 96.1428

Protanomaly

71.0625, 70.7503, 98.7177

Deuteranomaly

72.6580, 70.5025, 96.1651

Tritanomaly

72.1432, 70.4088, 88.3852

Monochromacy



Original Color

73.7074, 70.6735, 96.1428

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.7184, 72.0247, 85.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7074, 70.6735, 96.1428 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(234, 211, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 245)  
}
```

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(234, 211, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.7074, 70.6735, 96.1428 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(234, 211, 245) }
```


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

```
.border{ border-color:rgb(234, 211, 245) }
```

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

Here you see how a box with a 4 pixel rgb(234, 211, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7074, 70.6735, 96.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 245) }
```

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

```
.background{ background-color: rgb(234,  
211, 245) }
```

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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