

Converting Colors

XYZ(71.3677, 70.4247, 96.5433)

Have a look what the booklet for
XYZ(71.3677, 70.4247, 96.5433)
contains.

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Color

**XYZ(71.2685, 70.5330,
96.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D6F5
RGB	224, 214, 245
RGB Percent	88%, 84%, 96%
CMY	0.1216, 0.1608, 0.0392
CMYK	0.09, 0.13, 0.00, 0.04
HSL	259°, 61%, 90%
HSV	259°, 13%, 96%
XYZ	71.2685, 70.5330, 96.2442
YIQ	220.5240, -3.9910, 11.7610

Conversions

Conversions Part 2

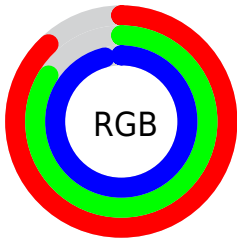
Format	Color
R_{YB}	224, 214, 245
Decimal	14735093
CIE Lab	87.26, 9.17, -13.91
CIE LCh	87, 16.661, 303.389
Yxy	70.5330, 0.2994, 0.2963
Android (android.graphics.Color)	4292925173 (0xFFE0D6F5)
YUV	220.5240, 12.0667, 3.0485
Hunter-Lab	83.9839, 4.5027, -9.1566

Details

The XYZ color **71.2685, 70.5330, 96.2442** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0534, 87.8239, 76.4068**, and the grayscale version is **68.3157, 71.8734, 78.2702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9456, 36.9054, 53.2676** is the 20% darker color. If you saturate the color by 10%, you get **60.6332, 56.5291, 94.1028**, and if you desaturate by 10%, it is **83.3428, 86.6668, 98.7230**.

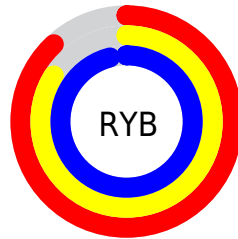
Distribution



Red (88%)

Green (84%)

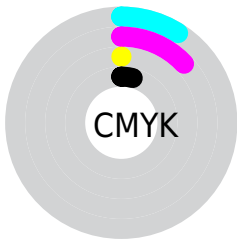
Blue (96%)



Red (88%)

Yellow (84%)

Blue (96%)

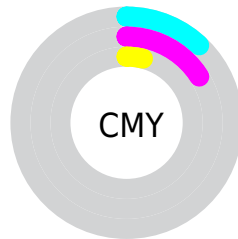


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2685, 70.5330, 96.2442 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 71.2685, 70.5330, 96.2442 by changing the saturation by 10% instead.

71.2685, 70.5330,
96.2442

71.2685, 70.5330,
96.2442

454.1887,
462.4193, 569.2263

52.8447, 51.9612,
72.5684

120.0324,
119.9685, 157.9927

37.9058, 36.9741,
53.1334

151.1032,
151.6010, 196.9025

26.0864, 25.1875,
37.5208

187.1203,
188.3559, 241.7273

17.0213, 16.2168,
25.3121

228.4491,
230.6175, 292.8858

10.3451, 9.6777,
16.0886

275.4551,
278.7702, 350.7963

5.6924, 5.1858,
9.4318

328.5034,

2.6978, 2.3567,

333.1985, 415.8776

4.9233

387.9595,
394.2867, 488.5481

■ 0.9961, 0.8035,
2.1444

■ 0.0000, 0.0000,
0.6420

■ 71.2685, 70.5330,
96.2442

■ 71.2685, 70.5330,
96.2442

■ 60.6332, 56.5291,
94.1028

■ 83.3428, 86.6668,
98.7230

■ 51.3746, 44.5558,
92.2797

■ 93.4816, 99.3727,
100.6411

■ 43.4354, 34.5192,
90.7609

■ 36.7513, 26.3140,
89.5294

■ 31.2523, 19.8250,
88.5667

■ 26.8610, 14.9234,
87.8521

■ 23.4894, 11.4611,
87.3615

■ 21.0337, 9.2605,
87.0662

■ 19.7077, 8.2557,
86.9421

Harmonies

Analogous

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



67.4855, 70.5330, 100.3950



71.2685, 70.5330, 96.2442



73.9983, 70.5330, 86.8668

Triad

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



71.2685, 70.5330, 96.2442



70.4686, 70.5330, 59.0894



59.8015, 70.5330, 78.0800

Complementary

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



71.2685, 70.5330, 96.2442



79.0534, 87.8239, 76.4068

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.



60.5313, 70.5330, 67.5398



71.2685, 70.5330, 96.2442



66.5955, 70.5330, 57.2232

Square

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



71.2685, 70.5330, 96.2442



73.5240, 70.5330, 65.5336



62.9812, 70.5330, 60.1660



60.9480, 70.5330, 89.2854

Rectangle

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



71.2685, 70.5330, 96.2442



74.7994, 70.5330, 79.3076



62.9812, 70.5330, 60.1660



59.8357, 70.5330, 74.3428

Sweetspot

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



71.2706, 70.5360, 96.2458



89.3852, 92.3767, 107.7271



73.9763, 80.4127, 98.0096



18.9103, 19.4748, 23.0123



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.



71.2706, 70.5360, 96.2458



75.1392, 73.3892, 104.8130



76.2338, 73.0946, 96.4780



16.0844, 16.1861, 20.8191



10.7447, 4.5134, 46.8429



1.0473, 0.4498, 4.1218

Inverse Universe

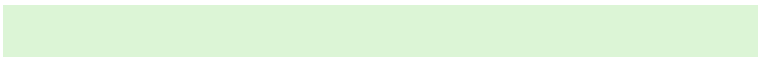
The Inverse Universe completely reimagines the original color for something new.



76.7005, 73.5068, 88.7462



82.1153, 77.2077, 95.1024



74.2118, 85.3279, 76.1803



16.9730, 16.6720, 19.6043



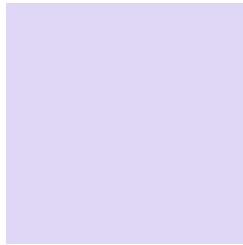
24.0593, 11.9672, 20.8184



2.1614, 1.0705, 2.0766

Previews

White Background



This preview shows how the XYZ color 71.2685, 70.5330, 96.2442 looks on a white background.

Color Contrast Check

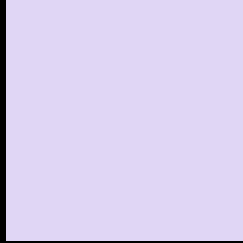
Large Text (above 18pt) WCAG AA × Fail

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 71.2685, 70.5330, 96.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

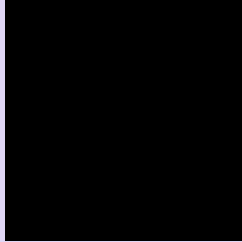
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2685, 70.5330, 96.2442

Background



This preview shows how black text looks on a background with the XYZ color 71.2685, 70.5330, 96.2442.

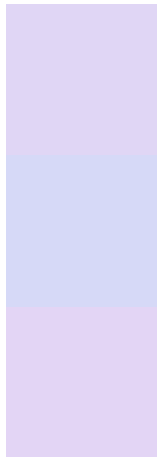


This preview shows how white text looks on a background with the XYZ color 71.2685, 70.5330,

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

71.2685, 70.5330, 96.2442

Protanopia

69.3329, 70.6373, 97.9758

Deuteranopia

71.9542, 70.5120, 96.2040



Tritanopia

69.3880, 70.5245, 87.0462

Trichromacy



Original Color

71.2685, 70.5330, 96.2442

Protanomaly

70.1039, 70.6710, 97.1348

Deuteranomaly

71.6397, 70.3498, 96.1893

Tritanomaly

70.0179, 70.4033, 90.0196

Monochromacy



Original Color

71.2685, 70.5330, 96.2442

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4785, 71.3856, 84.9798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2685, 70.5330, 96.2442 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(224, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 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(224, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 245) }
```

Border

The CSS property to change the border of an element to XYZ 71.2685, 70.5330, 96.2442 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(224, 214, 245) }
```


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

```
.border{ border-color:rgb(224, 214, 245) }
```

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

Here you see how a box with a 4 pixel rgb(224, 214, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2685, 70.5330, 96.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 245) }
```

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

```
.background{ background-color: rgb(224,  
214, 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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