

Converting Colors

XYZ(72.5925, 70.0053, 96.2596)

Have a look what the booklet for
XYZ(72.5925, 70.0053, 96.2596)
contains.

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Color

**XYZ(72.7307, 70.1700,
96.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D3F5
RGB	231, 211, 245
RGB Percent	91%, 83%, 96%
CMY	0.0941, 0.1725, 0.0392
CMYK	0.06, 0.14, 0.00, 0.04
HSL	275°, 63%, 89%
HSV	275°, 14%, 96%
XYZ	72.7307, 70.1700, 96.0971
YIQ	220.8560, 1.0060, 14.8140

Conversions

Conversions Part 2

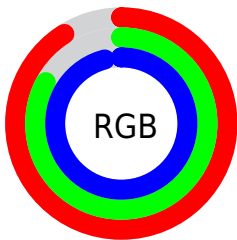
Format	Color
R _Y B	231, 211, 245
Decimal	15193077
CIE Lab	87.08, 13.02, -14.12
CIE LCh	87, 19.205, 312.679
Yxy	70.1700, 0.3043, 0.2936
Android (android.graphics.Color)	4293383157 (0xFFE7D3F5)
YUV	220.8560, 11.9030, 8.8963
Hunter-Lab	83.7675, 8.3885, -9.3795

Details

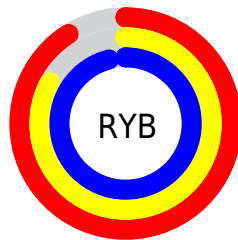
The XYZ color **72.7307, 70.1700, 96.0971** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.4641, 86.0174, 74.2570**, and the grayscale version is **68.5467, 72.1165, 78.5348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7530, 36.5650, 53.1594** is the 20% darker color. If you saturate the color by 10%, you get **63.9394, 57.2821, 94.0739**, and if you desaturate by 10%, it is **82.6415, 85.0159, 98.4414**.

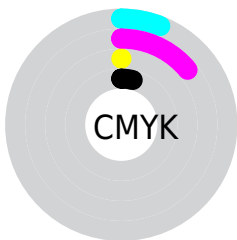
Distribution



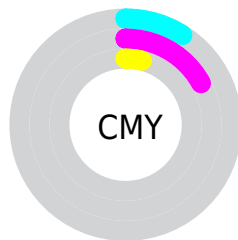
- Red (91%)
- Green (83%)
- Blue (96%)



- Red (91%)
- Yellow (83%)
- Blue (96%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7307, 70.1700, 96.0971 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 72.7307, 70.1700, 96.0971 by changing the saturation by 10% instead.

72.7307, 70.1700,
96.0971

72.7307, 70.1700,
96.0971

459.1992,
461.1467, 568.7451

54.0434, 51.6651,
72.4465

122.1000,
119.4512, 157.7880

38.8672, 36.7382,
53.0344

153.5127,
150.9962, 196.6654

26.8367, 25.0049,
37.4423

189.8980,
187.6569, 241.4555

17.5865, 16.0807,
25.2517

231.6211,
229.8174, 292.5768

10.7514, 9.5813,
16.0440

279.0474,
277.8622, 350.4479

5.9660, 5.1222,
9.4006

332.5423,

2.8649, 2.3192,

332.1758, 415.4873

4.9030

392.4711,
393.1425, 488.1135

■ 1.0827, 0.7838,
2.1327

■ 0.0106, 0.0000,
0.6351

■ 72.7307, 70.1700,
96.0971

■ 72.7307, 70.1700,
96.0971

■ 63.9394, 57.2821,
94.0739

■ 82.6415, 85.0159,
98.4414

■ 56.2164, 46.2579,
92.3531

■ 92.0902, 98.6553,
100.5760

■ 49.5154, 37.0086,
90.9210

■ 93.4816, 99.3727,
100.6412

■ 43.7842, 29.4344,
89.7611

■ 38.9652, 23.4255,
88.8552

■ 34.9941, 18.8582,
88.1829

■ 31.7968, 15.5897,
87.7206

■ 29.2836, 13.4460,
87.4392

■ 28.0026, 12.5320,
87.3303

Harmonies

Analogous

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



68.6108, 70.1700, 103.2050



72.7307, 70.1700, 96.0971



75.2962, 70.1700, 84.0172

Triad

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



72.7307, 70.1700, 96.0971



69.3026, 70.1700, 55.1131



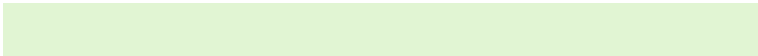
58.6077, 70.1700, 81.9696

Complementary

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



72.7307, 70.1700, 96.0971



75.4641, 86.0174, 74.2570

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.



58.7742, 70.1700, 69.2637



72.7307, 70.1700, 96.0971



64.8142, 70.1700, 54.6966

Square

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



72.7307, 70.1700, 96.0971



73.2567, 70.1700, 60.8126



61.0018, 70.1700, 59.6024



60.5363, 70.1700, 94.4537

Rectangle

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



72.7307, 70.1700, 96.0971



75.7119, 70.1700, 75.2513



61.0018, 70.1700, 59.6024



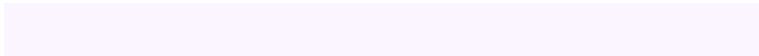
58.4231, 70.1700, 77.5668

Sweetspot

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



72.7328, 70.1730, 96.0986



90.3535, 92.8759, 107.7724



70.3184, 74.3848, 97.0389



19.1552, 19.6011, 23.0237



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.



72.7328, 70.1730, 96.0986



76.4808, 72.1623, 104.5055



77.0045, 72.4247, 94.0579



16.5154, 16.4084, 20.8392



15.2465, 6.8342, 47.0536



1.4566, 0.6608, 4.1410

Inverse Universe

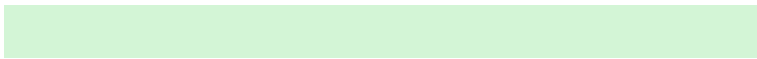
The Inverse Universe completely reimagines the original color for something new.



74.5435, 71.4403, 81.0980



78.9091, 73.8574, 84.5932



71.6352, 84.0021, 75.9485



16.7821, 16.5957, 18.5990



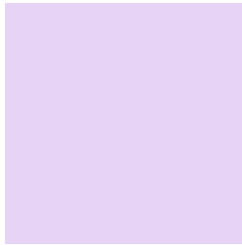
21.6136, 10.9889, 7.9395



1.9494, 0.9857, 0.9600

Previews

White Background



This preview shows how the XYZ color 72.7307, 70.1700, 96.0971 looks on a white background.

Color Contrast Check

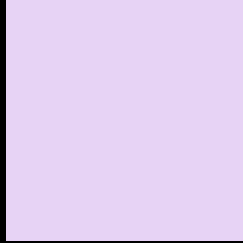
Large Text (above 18pt) WCAG AA × Fail

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 72.7307, 70.1700, 96.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

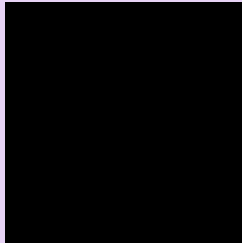
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7307, 70.1700, 96.0971

Background



This preview shows how black text looks on a background with the XYZ color 72.7307, 70.1700, 96.0971.

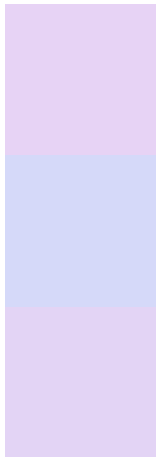


This preview shows how white text looks on a background with the XYZ color 72.7307, 70.1700,

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

72.7307, 70.1700, 96.0971

Protanopia

69.3523, 70.6114, 99.5966

Deuteranopia

71.7035, 70.0104, 96.1204



Tritanopia

70.3903, 69.9597, 84.6565

Trichromacy



Original Color

72.7307, 70.1700, 96.0971

Protanomaly

70.7589, 70.5938, 98.7035

Deuteranomaly

72.0198, 70.1735, 96.1352

Tritanomaly

71.1720, 69.9081, 88.3397

Monochromacy



Original Color

72.7307, 70.1700, 96.0971

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.1471, 71.3464, 84.9370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7307, 70.1700, 96.0971 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, 211, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 211, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 211, 245) }
```

Border

The CSS property to change the border of an element to XYZ 72.7307, 70.1700, 96.0971 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, 211, 245) }
```


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

```
.border{ border-color:rgb(231, 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(231, 211, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 211,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7307, 70.1700, 96.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 211, 245) }
```

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

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