

Converting Colors

XYZ(74.2729, 70.5283,
104.8284)

Have a look what the booklet for
XYZ(74.2729, 70.5283, 104.8284)
contains.

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Color

**XYZ(74.0516, 70.3021,
104.2745)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7D2FF |
| RGB | 231, 210, 255 |
| RGB Percent | 91%, 82%, 100% |
| CMY | 0.0941, 0.1765, 0.0000 |
| CMYK | 0.09, 0.18, 0.00, 0.00 |
| HSL | 268°, 100%, 91% |
| HSV | 268°, 18%, 100% |
| XYZ | 74.0516, 70.3021, 104.2745 |
| YIQ | 221.4090, -1.9290, 18.4470 |

Conversions

Conversions Part 2

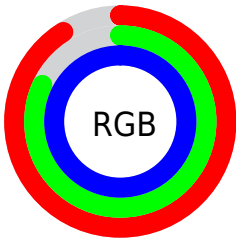
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 231, 210, 255 |
| Decimal | 15192831 |
| CIE Lab | 87.14, 15.49, -19.30 |
| CIE LCh | 87, 24.750, 308.752 |
| Yxy | 70.3021, 0.2978, 0.2828 |
| Android (android.graphics.Color) | 4293382911 (0xFFE7D2FF) |
| YUV | 221.4090, 16.5604, 8.4113 |
| Hunter-Lab | 83.8463, 10.9169, -15.0429 |

Details

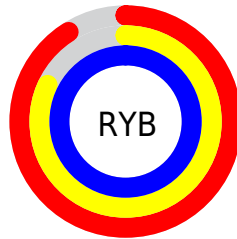
The XYZ color **74.0516, 70.3021, 104.2745** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3261, 93.6663, 74.7691**, and the grayscale version is **68.9045, 72.4929, 78.9448**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5936, 36.6339, 58.4103** is the 20% darker color. If you saturate the color by 10%, you get **64.0305, 56.5246, 102.1433**, and if you desaturate by 10%, it is **85.4208, 86.2673, 106.7568**.

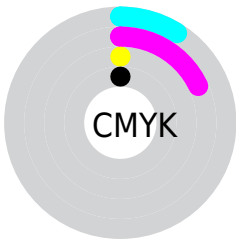
Distribution



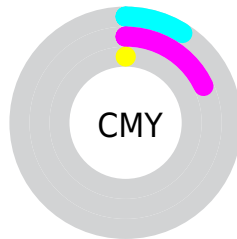
- Red (91%)
- Green (82%)
- Blue (100%)



- Red (91%)
- Yellow (82%)
- Blue (100%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0516, 70.3021, 104.2745 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 74.0516, 70.3021, 104.2745 by changing the saturation by 10% instead.

74.0516, 70.3021,
104.2745

74.0516, 70.3021,
104.2745

463.6990,
461.6100, 595.1752

55.1277, 51.7729,
79.2384

123.9641,
119.6395, 169.1219

39.7382, 36.8241,
58.5694

155.6833,
151.2164, 209.7704

27.5178, 25.0713,
41.8488

192.3984,
187.9113, 256.4600

18.1011, 16.1302,
28.6583

234.4747,
230.1087, 309.6094

11.1227, 9.6163,
18.5791

282.2776,
278.1928, 369.6371

6.2173, 5.1453,
11.1928

336.1724,

3.0196, 2.3328,

332.5482, 436.9616

6.0809

396.5244,
393.5591, 512.0015

■ 1.1641, 0.7910,
2.8247

■ 0.0778, 0.0000,
1.0059

■ 74.0516, 70.3021,
104.2745

■ 74.0516, 70.3021,
104.2745

■ 64.0305, 56.5246,
102.1433

■ 85.4208, 86.2673,
106.7568

■ 55.2965, 44.8274,
100.3458

95.0500, 100.0000,
108.9000

■ 47.7924, 35.1068,
98.8651

■ 41.4538, 27.2465,
97.6820

■ 36.2099, 21.1176,
96.7754

■ 31.9810, 16.5740,
96.1213

■ 28.6742, 13.4441,
95.6914

■ 26.1695, 11.5025,
95.4487

■ 25.6573, 11.1417,
95.4060

Harmonies

Analogous

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



68.5325, 70.3021, 112.6792



74.0516, 70.3021, 104.2745



77.7699, 70.3021, 88.7235

Triad

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



74.0516, 70.3021, 104.2745



70.9464, 70.3021, 50.4564



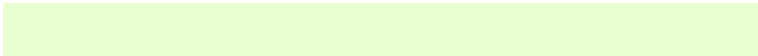
56.3862, 70.3021, 81.5138

Complementary

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



74.0516, 70.3021, 104.2745



81.3261, 93.6663, 74.7691

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.



56.9495, 70.3021, 65.5390



74.0516, 70.3021, 104.2745



65.1364, 70.3021, 49.1049

Square

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



74.0516, 70.3021, 104.2745



75.9062, 70.3021, 58.2338



60.0753, 70.3021, 54.2300



58.4895, 70.3021, 98.3459

Rectangle

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



74.0516, 70.3021, 104.2745



78.6094, 70.3021, 77.2452



60.0753, 70.3021, 54.2300



56.2726, 70.3021, 75.8531

Sweetspot

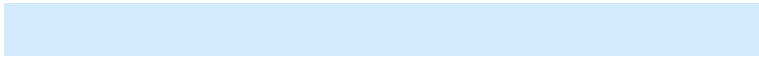
The Sweet Spot groups the original color and five complimentary colors.



74.0535, 70.3050, 104.2749



88.6589, 90.8662, 107.4738



74.2672, 80.1973, 106.1731



18.7905, 19.1843, 22.9625



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.



74.0535, 70.3050, 104.2749



70.5437, 65.4433, 103.5215



81.5150, 74.1515, 104.6241



17.8089, 17.7932, 22.7458



13.5751, 5.9087, 49.8596



1.4464, 0.6396, 4.8605

Inverse Universe

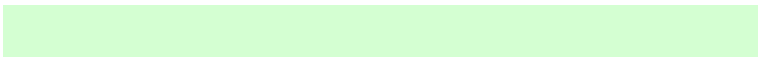
The Inverse Universe completely reimagines the original color for something new.



79.1396, 73.2964, 87.8206



76.5161, 68.9572, 84.1480



74.6184, 90.2083, 74.4552



18.4144, 18.1491, 20.7991



23.9472, 12.0682, 13.6382



2.3869, 1.1971, 1.6187

Previews

White Background



This preview shows how the XYZ color 74.0516, 70.3021, 104.2745 looks on a white background.

Color Contrast Check

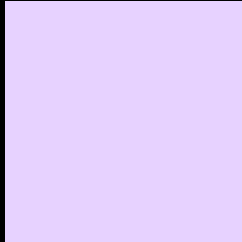
Large Text (above 18pt) WCAG AA × Fail

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 74.0516, 70.3021, 104.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

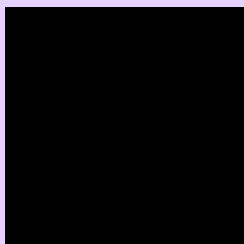
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0516, 70.3021, 104.2745

Background



This preview shows how black text looks on a background with the XYZ color 74.0516, 70.3021, 104.2745.

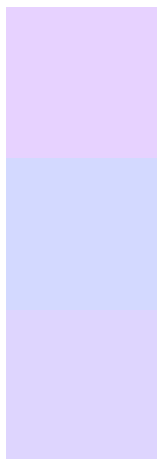


This preview shows how white text looks on a background with the XYZ color 74.0516, 70.3021,

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

74.0516, 70.3021, 104.2745

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

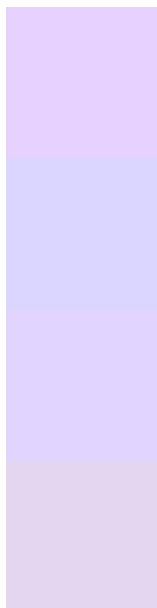
71.8078, 70.2739, 103.5455



Tritanopia

70.1489, 70.1935, 85.4528

Trichromacy



Original Color

74.0516, 70.3021, 104.2745

Protanomaly

71.0100, 70.2186, 104.4186

Deuteranomaly

72.4842, 70.2503, 103.5053

Tritanomaly

71.5173, 70.3738, 92.2522

Monochromacy



Original Color

74.0516, 70.3021, 104.2745

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5722, 71.5165, 87.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0516, 70.3021, 104.2745 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 210, 255)  
}
```

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, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0516, 70.3021, 104.2745 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, 210, 255) }
```


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

```
.border{ border-color:rgb(231, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0516, 70.3021, 104.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 210, 255) }
```

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

```
.background{ background-color: rgb(231,  
210, 255) }
```

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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