

Converting Colors

XYZ(75.9580, 74.6829,
105.0196)

Have a look what the booklet for
XYZ(75.9580, 74.6829, 105.0196)
contains.

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Color

**XYZ(76.0146, 74.7060,
105.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DBFF
RGB	230, 219, 255
RGB Percent	90%, 86%, 100%
CMY	0.0980, 0.1412, 0.0000
CMYK	0.10, 0.14, 0.00, 0.00
HSL	258°, 100%, 93%
HSV	258°, 14%, 100%
XYZ	76.0146, 74.7060, 105.0210
YIQ	226.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

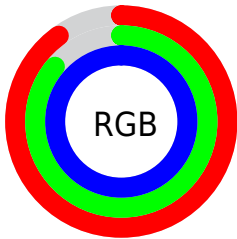
Format	Color
R _Y B	230, 219, 255
Decimal	15129599
CIE Lab	89.26, 10.43, -16.13
CIE LCh	89, 19.209, 302.874
Yxy	74.7060, 0.2972, 0.2921
Android (android.graphics.Color)	4293319679 (0xFFE6DBFF)
YUV	226.3930, 14.1033, 3.1633
Hunter-Lab	86.4326, 5.7277, -11.5382

Details

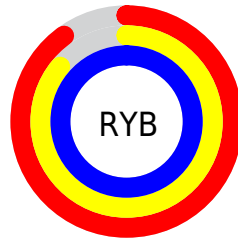
The XYZ color **76.0146, 74.7060, 105.0210** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8562, 95.8684, 81.0007**, and the grayscale version is **72.4786, 76.2531, 83.0396**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9241, 39.6268, 58.9179** is the 20% darker color. If you saturate the color by 10%, you get **64.4676, 59.6242, 102.7186**, and if you desaturate by 10%, it is **89.1621, 92.1296, 107.6912**.

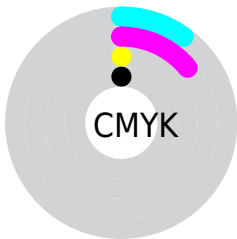
Distribution



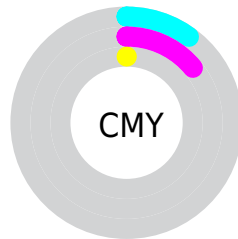
- Red (90%)
- Green (86%)
- Blue (100%)



- Red (90%)
- Yellow (86%)
- Blue (100%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0146, 74.7060, 105.0210 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 76.0146, 74.7060, 105.0210 by changing the saturation by 10% instead.

76.0146, 74.7060,
105.0210

76.0146, 74.7060,
105.0210

470.3413,
476.9064, 597.5569

56.7416, 55.3721,
79.8602

126.7278,
125.8961, 170.1521

41.0371, 39.6997,
59.0778

158.8987,
158.5211, 210.9594

28.5359, 27.3045,
42.2553

196.0995,
196.3452, 257.8194

18.8725, 17.8020,
28.9742

238.6958,
239.7528, 311.1504

11.6817, 10.8079,
18.8159

287.0527,
289.1283, 371.3712

6.5980, 5.9378,
11.3619

341.5357,

3.2560, 2.8073,

344.8562, 438.9002

6.1936

402.5101,
407.3208, 514.1559

■ 1.2906, 1.0320,
2.8924

■ 0.1761, 0.0000,
1.0400

■ 76.0146, 74.7060,
105.0210

■ 76.0146, 74.7060,
105.0210

■ 64.4676, 59.6242,
102.7186

■ 89.1621, 92.1296,
107.6912

■ 54.4517, 46.7738,
100.7661

95.0500, 100.0000,
108.9000

■ 45.9011, 36.0490,
99.1466

■ 38.7426, 27.3315,
97.8413

■ 32.8964, 20.4915,
96.8292

■ 28.2740, 15.3832,
96.0868

■ 24.7741, 11.8382,
95.5870

■ 22.2764, 9.6525,
95.2968

■ 21.1842, 8.8357,
95.1967

Harmonies

Analogous

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



71.4590, 74.7060, 109.9623



76.0146, 74.7060, 105.0210



79.3390, 74.7060, 93.6965

Triad

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



76.0146, 74.7060, 105.0210



75.1978, 74.7060, 60.4513



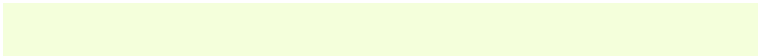
62.3738, 74.7060, 82.6442

Complementary

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



76.0146, 74.7060, 105.0210



85.8562, 95.8684, 81.0007

Split Complementary

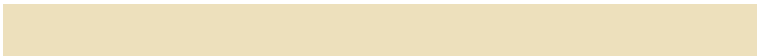
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.2776, 74.7060, 70.1245



76.0146, 74.7060, 105.0210



70.5545, 74.7060, 58.1762

Square

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



76.0146, 74.7060, 105.0210



78.8530, 74.7060, 68.1121



66.2220, 74.7060, 61.5202



63.6973, 74.7060, 96.1832

Rectangle

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



76.0146, 74.7060, 105.0210



80.3363, 74.7060, 84.5885



66.2220, 74.7060, 61.5202



62.4273, 74.7060, 78.1799

Sweetspot

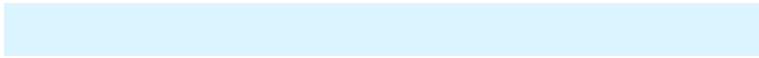
The Sweet Spot groups the original color and five complimentary colors.



76.0166, 74.7091, 105.0215



89.3236, 92.3450, 107.7243



79.6763, 87.1036, 107.2210



18.8948, 19.4668, 23.0116



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.



76.0166, 74.7091, 105.0215



72.5244, 70.1227, 104.3203



82.0238, 77.8058, 105.3027



17.5249, 17.6468, 22.7325



11.2015, 4.6851, 49.7485



1.1963, 0.5106, 4.8488

Inverse Universe

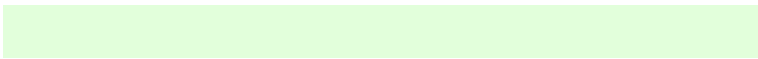
The Inverse Universe completely reimagines the original color for something new.



82.9025, 78.4576, 96.3648



80.6865, 74.5683, 93.9529



79.9749, 92.8365, 80.7255



18.5425, 18.2003, 21.4737



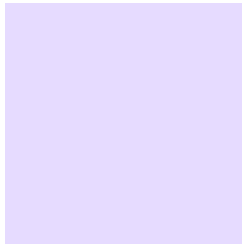
25.7700, 12.7973, 23.2373



2.5579, 1.2655, 2.5194

Previews

White Background



This preview shows how the XYZ color 76.0146, 74.7060, 105.0210 looks on a white background.

Color Contrast Check

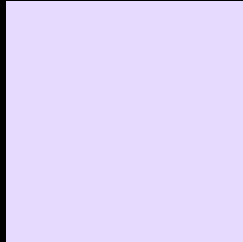
Large Text (above 18pt) WCAG AA × Fail

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 76.0146, 74.7060, 105.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

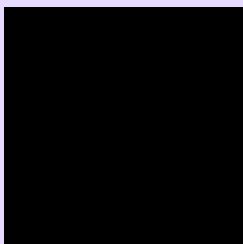
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0146, 74.7060, 105.0210

Background



This preview shows how black text looks on a background with the XYZ color 76.0146, 74.7060, 105.0210.

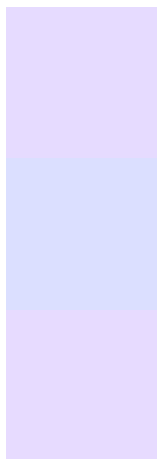


This preview shows how white text looks on a background with the XYZ color 76.0146, 74.7060,

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

76.0146, 74.7060, 105.0210

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

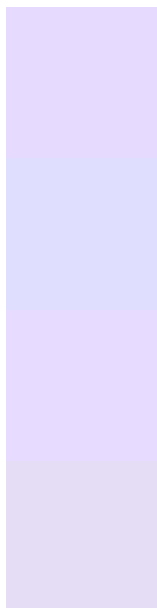
76.3365, 74.8720, 105.0361



Tritanopia

73.3798, 74.8054, 92.2327

Trichromacy



Original Color

76.0146, 74.7060, 105.0210

Protanomaly

74.6027, 75.1505, 105.1813

Deuteranomaly

76.3365, 74.8720, 105.0361

Tritanomaly

74.3328, 74.7995, 96.9062

Monochromacy



Original Color

76.0146, 74.7060, 105.0210

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3523, 75.2207, 90.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0146, 74.7060, 105.0210 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(230, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 219, 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(230, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.0146, 74.7060, 105.0210 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(230, 219, 255) }
```


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

```
.border{ border-color:rgb(230, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0146, 74.7060, 105.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 255) }
```

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

```
.background{ background-color: rgb(230,  
219, 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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