

# Converting Colors

XYZ(74.6469, 74.7802,  
105.1074)

Have a look what the booklet for  
XYZ(74.6469, 74.7802, 105.1074)  
contains.

<b>XYZ(74.6469, 74.7802, 105.1074)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(74.6469, 74.7802,  
105.1074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0DDFF
RGB	224, 221, 255
RGB Percent	88%, 87%, 100%
CMY	0.1216, 0.1333, 0.0000
CMYK	0.12, 0.13, 0.00, 0.00
HSL	245°, 100%, 93%
HSV	245°, 13%, 100%
XYZ	74.6469, 74.7802, 105.1074
YIQ	225.7730, -9.1260, 11.2100

# Conversions

## Conversions Part 2

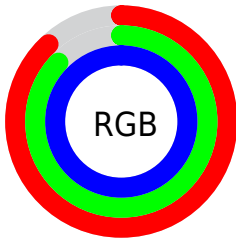
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 221, 255
Decimal	14736895
CIE Lab	89.29, 7.48, -16.13
CIE LCh	89, 17.775, 294.871
Yxy	74.7802, 0.2933, 0.2938
Android (android.graphics.Color)	4292926975 (0xFFE0DDFF)
YUV	225.7730, 14.4089, -1.5549
Hunter-Lab	86.4755, 2.7515, -11.5316

# Details

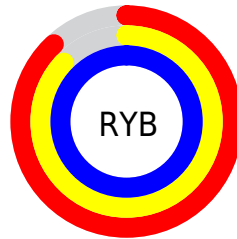
The XYZ color **74.6469, 74.7802, 105.1074** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.9578, 97.4367, 82.5288**, and the grayscale version is **72.0306, 75.7818, 82.5263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1914, 39.7847, 58.9870** is the 20% darker color. If you saturate the color by 10%, you get **61.6988, 58.8599, 102.7170**, and if you desaturate by 10%, it is **89.6070, 93.2596, 107.8858**.

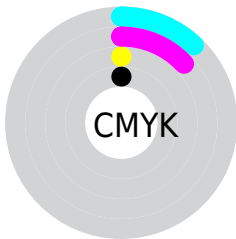
# Distribution



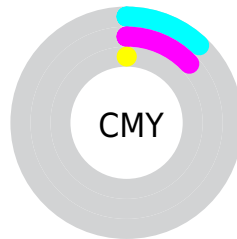
- Red (88%)
- Green (87%)
- Blue (100%)



- Red (88%)
- Yellow (87%)
- Blue (100%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6469, 74.7802, 105.1074 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 74.6469, 74.7802, 105.1074 by changing the saturation by 10% instead.



74.6469, 74.7802,  
105.1074

74.6469, 74.7802,  
105.1074

465.7189,  
477.1618, 597.8323

55.6168, 55.4328,  
79.9322

124.8030,  
126.0012, 170.2713

40.1316, 39.7484,  
59.1367

156.6597,  
158.6436, 211.0970

27.8258, 27.3424,  
42.3024

193.5227,  
196.4865, 257.9766

18.3342, 17.8306,  
29.0108

235.7573,  
239.9142, 311.3287

11.2913, 10.8284,  
18.8434

283.7289,  
289.3112, 371.5717

6.3319, 5.9516,  
11.3815

337.8028,

3.0905, 2.8156,

345.0619, 439.1243

6.2067

398.3443,  
407.5506, 514.4050

■ 1.2018, 1.0363,  
2.9003

■ 0.1078, 0.0000,  
1.0440

■ 74.6469, 74.7802,  
105.1074

■ 74.6469, 74.7802,  
105.1074

■ 61.6988, 58.8599,  
102.7170

■ 89.6070, 93.2596,  
107.8858

■ 50.6709, 45.3771,  
100.6958

95.0500, 100.0000,  
108.9000

■ 41.4734, 34.2141,  
99.0258

■ 34.0067, 25.2397,  
97.6872

■ 28.1620, 18.3097,  
96.6576

■ 23.8177, 13.2624,  
95.9123

■ 20.8352, 9.9117,  
95.4228

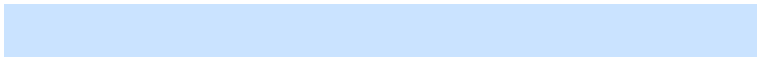
■ 19.0494, 8.0329,  
95.1542

■ 18.3916, 7.3961,  
95.0660

# Harmonies

## Analogous

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



70.3323, 74.7802, 107.6438



74.6469, 74.7802, 105.1074



78.1277, 74.7802, 95.9758

# Triad

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



74.6469, 74.7802, 105.1074



75.9911, 74.7802, 63.3862



63.0786, 74.7802, 79.3033

# Complementary

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



74.6469, 74.7802, 105.1074



88.9578, 97.4367, 82.5288

# 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.



64.4625, 74.7802, 68.4209



74.6469, 74.7802, 105.1074



71.8256, 74.7802, 59.8485

# Square

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



74.6469, 74.7802, 105.1074



78.9257, 74.7802, 71.7723



67.6215, 74.7802, 61.5938



63.7655, 74.7802, 91.9021



# Rectangle

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



74.6469, 74.7802, 105.1074



79.4470, 74.7802, 87.8263



67.6215, 74.7802, 61.5938



63.3153, 74.7802, 75.3386

# Sweetspot

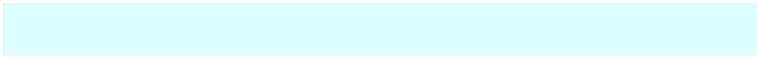
The Sweet Spot groups the original color and five complimentary colors.



74.6489, 74.7832, 105.1079



88.5426, 91.9424, 107.6877



82.7332, 92.3188, 108.0665



18.6978, 19.3653, 23.0023



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.



74.6489, 74.7832, 105.1079



71.0000, 70.2886, 104.4327



80.1273, 77.6074, 105.3643



17.1514, 17.4543, 22.7150



9.6602, 3.8905, 49.6764



0.9887, 0.4036, 4.8391



# Inverse Universe

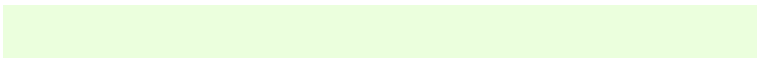
The Inverse Universe completely reimagines the original color for something new.



84.6689, 80.0041, 103.0777



82.8134, 76.4449, 101.9908



83.1288, 94.4318, 82.2560



18.7195, 18.2711, 22.4061



29.2267, 14.1800, 41.4400



2.8652, 1.3884, 4.1373



# Previews

## White Background



This preview shows how the XYZ color 74.6469, 74.7802, 105.1074 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

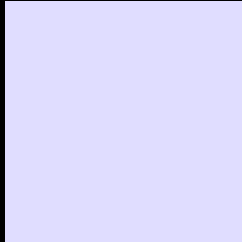
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.6469, 74.7802, 105.1074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

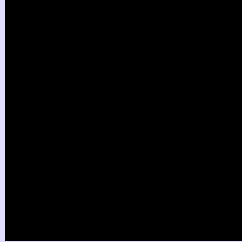
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 74.6469, 74.7802, 105.1074

## Background



This preview shows how black text looks on a background with the XYZ color 74.6469, 74.7802, 105.1074.



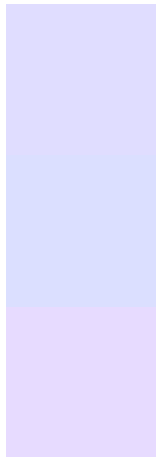
This preview shows how white text looks on a background with the XYZ color 74.6469, 74.7802,



# 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

74.6469, 74.7802, 105.1074

### Protanopia

73.6511, 75.0554, 105.2131

### Deuteranopia

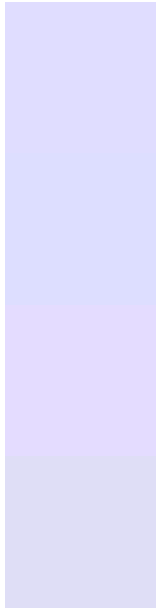
76.3365, 74.8720, 105.0361



## Tritanopia

72.3891, 74.6558, 93.8138

# Trichromacy



## Original Color

74.6469, 74.7802, 105.1074

## Protanomaly

73.9901, 74.8347, 105.1526

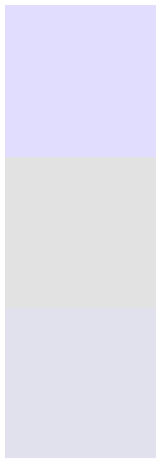
## Deuteranomaly

75.6381, 74.9004, 105.0784

## Tritanomaly

73.1873, 74.5843, 97.7276

# Monochromacy



## Original Color

74.6469, 74.7802, 105.1074

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.9931, 75.4333, 90.8337

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.6469, 74.7802, 105.1074 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 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(224, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 74.6469, 74.7802, 105.1074 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, 221, 255) }
```



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

```
.border{ border-color:rgb(224, 221, 255) }
```

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

Here you see how a box with a 4 pixel rgb(224, 221, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.6469, 74.7802, 105.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 255) }
```

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

```
.background{ background-color: rgb(224,  
221, 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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