

Converting Colors

XYZ(75.1510, 74.3771,
105.0031)

Have a look what the booklet for
XYZ(75.1510, 74.3771, 105.0031)
contains.

XYZ(75.0601, 74.2139, 104.9764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.0601, 74.2139,
104.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DBFF
RGB	227, 219, 255
RGB Percent	89%, 86%, 100%
CMY	0.1098, 0.1412, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	253°, 100%, 93%
HSV	253°, 14%, 100%
XYZ	75.0601, 74.2139, 104.9764
YIQ	225.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

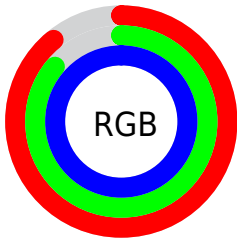
Format	Color
R _Y B	227, 219, 255
Decimal	14932991
CIE Lab	89.02, 9.47, -16.50
CIE LCh	89, 19.030, 299.857
Yxy	74.2139, 0.2952, 0.2919
Android (android.graphics.Color)	4293123071 (0xFFE3DBFF)
YUV	225.4960, 14.5455, 1.3190
Hunter-Lab	86.1475, 4.7685, -11.9455

Details

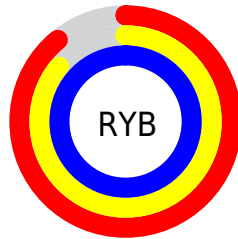
The XYZ color **75.0601, 74.2139, 104.9764** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.9055, 96.4094, 81.0497**, and the grayscale version is **71.8288, 75.5694, 82.2951**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2631, 39.2861, 58.8870** is the 20% darker color. If you saturate the color by 10%, you get **63.0109, 58.8732, 102.6504**, and if you desaturate by 10%, it is **88.8531, 91.9702, 107.6767**.

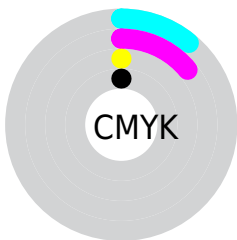
Distribution



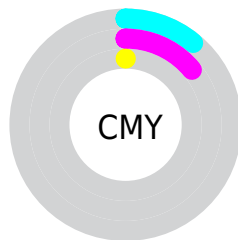
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0601, 74.2139, 104.9764 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 75.0601, 74.2139, 104.9764 by changing the saturation by 10% instead.

75.0601, 74.2139,
104.9764

75.0601, 74.2139,
104.9764

467.1181,
475.2113, 597.4148

55.9565, 54.9691,
79.8230

125.3849,
125.1990, 170.0905

40.4049, 39.3770,
59.0474

157.3368,
157.7081, 210.8884

28.0400, 27.0531,
42.2310

194.3021,
195.4074, 257.7382

18.4964, 17.6131,
28.9553

236.6462,
238.6813, 311.0584

11.4088, 10.6726,
18.8017

284.7346,
287.9143, 371.2677

6.4118, 5.8471,
11.3517

338.9324,

3.1401, 2.7524,

343.4907, 438.7844

6.1868

399.6051,
405.7949, 514.0273

■ 1.2283, 1.0039,
2.8884

■ 0.1285, 0.0000,
1.0379

■ 75.0601, 74.2139,
104.9764

■ 75.0601, 74.2139,
104.9764

■ 63.0109, 58.8732,
102.6504

■ 88.8531, 91.9702,
107.6767

■ 52.6288, 45.8340,
100.6808

95.0500, 100.0000,
108.9000

■ 43.8403, 34.9866,
99.0502

■ 36.5640, 26.2084,
97.7393

■ 30.7110, 19.3649,
96.7269

■ 26.1823, 14.3049,
95.9889

■ 22.8657, 10.8544,
95.4977

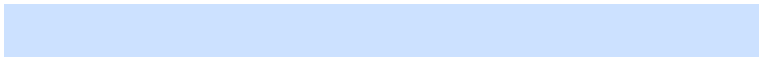
■ 20.6277, 8.8025,
95.2196

■ 19.7178, 8.0798,
95.1281

Harmonies

Analogous

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



70.5160, 74.2139, 109.0541



75.0601, 74.2139, 104.9764



78.5140, 74.2139, 94.2865

Triad

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



75.0601, 74.2139, 104.9764



75.1001, 74.2139, 60.7163



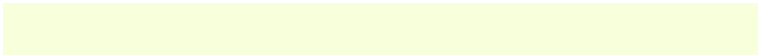
62.0111, 74.2139, 80.7430

Complementary

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



75.0601, 74.2139, 104.9764



86.9055, 96.4094, 81.0497

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.



63.1215, 74.2139, 68.6764



75.0601, 74.2139, 104.9764



70.5602, 74.2139, 57.9134

Square

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



75.0601, 74.2139, 104.9764



78.5377, 74.2139, 68.7749



66.2014, 74.2139, 60.6639



63.1010, 74.2139, 94.1649

Rectangle

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



75.0601, 74.2139, 104.9764



79.6621, 74.2139, 85.3762



66.2014, 74.2139, 60.6639



62.1387, 74.2139, 76.4025

Sweetspot

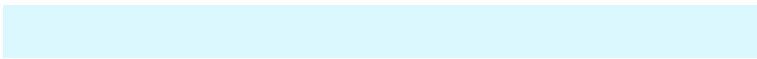
The Sweet Spot groups the original color and five complimentary colors.



75.0621, 74.2169, 104.9768



89.0231, 92.1901, 107.7102



80.5872, 88.9254, 107.5247



18.8189, 19.4277, 23.0080



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.



75.0621, 74.2169, 104.9768



71.4107, 69.5485, 104.2682



80.9698, 77.2624, 105.2533



17.3804, 17.5723, 22.7257



10.4066, 4.2753, 49.7113



1.1020, 0.4620, 4.8444

Inverse Universe

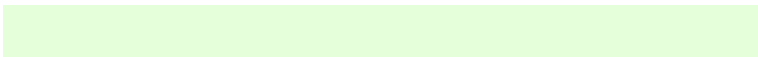
The Inverse Universe completely reimagines the original color for something new.



83.3617, 78.6412, 98.7835



81.2338, 74.7873, 96.8354



80.9249, 93.3263, 80.7699



18.6098, 18.2272, 21.8281



26.9543, 13.2710, 29.4735



2.6650, 1.3084, 3.0831

Previews

White Background



This preview shows how the XYZ color 75.0601, 74.2139, 104.9764 looks on a white background.

Color Contrast Check

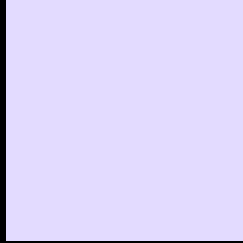
Large Text (above 18pt) WCAG AA × Fail

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 75.0601, 74.2139, 104.9764 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 75.0601, 74.2139, 104.9764

Background



This preview shows how black text looks on a background with the XYZ color 75.0601, 74.2139, 104.9764.

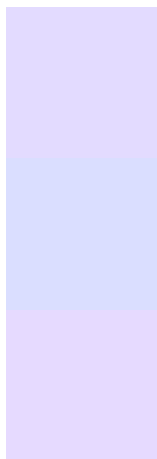


This preview shows how white text looks on a background with the XYZ color 75.0601, 74.2139,

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

75.0601, 74.2139, 104.9764

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

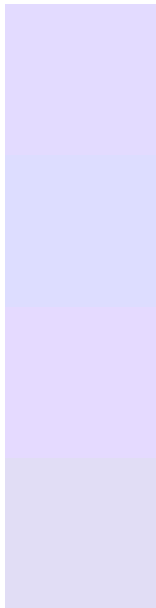
75.7545, 74.1858, 104.9343



Tritanopia

72.4417, 74.3218, 92.1888

Trichromacy



Original Color

75.0601, 74.2139, 104.9764

Protanomaly

73.7252, 74.3051, 105.0643

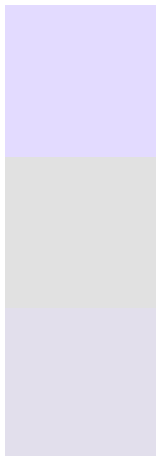
Deuteranomaly

75.4345, 74.0208, 104.9194

Tritanomaly

73.3892, 74.3130, 96.8620

Monochromacy



Original Color

75.0601, 74.2139, 104.9764

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8920, 75.0002, 89.9916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0601, 74.2139, 104.9764 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(227, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.0601, 74.2139, 104.9764 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(227, 219, 255) }
```


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

```
.border{ border-color:rgb(227, 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(227, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0601, 74.2139, 104.9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 255) }
```

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

```
.background{ background-color: rgb(227,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor