

Converting Colors

XYZ(81.9240, 77.3329,
141.8403)

Have a look what the booklet for
XYZ(81.9240, 77.3329, 141.8403)
contains.

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Color

**XYZ(75.0072, 74.5752,
105.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DCFF
RGB	226, 220, 255
RGB Percent	89%, 86%, 100%
CMY	0.1137, 0.1372, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	250°, 100%, 93%
HSV	250°, 14%, 100%
XYZ	75.0072, 74.5752, 105.0489
YIQ	225.7840, -7.6590, 12.1570

Conversions

Conversions Part 2

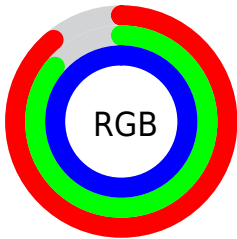
Format	Color
R _Y B	226, 220, 255
Decimal	14867711
CIE Lab	89.19, 8.63, -16.26
CIE LCh	89, 18.406, 297.968
Yxy	74.5752, 0.2946, 0.2929
Android (android.graphics.Color)	4293057791 (0xFFE2DCFF)
YUV	225.7840, 14.4035, 0.1894
Hunter-Lab	86.3569, 3.9154, -11.6735

Details

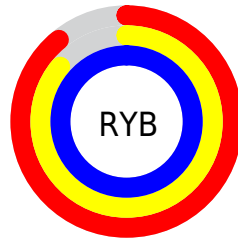
The XYZ color **75.0072, 74.5752, 105.0489** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7471, 96.8279, 81.7787**, and the grayscale version is **72.0378, 75.7894, 82.5346**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4428, 39.6454, 58.9468** is the 20% darker color. If you saturate the color by 10%, you get **62.5959, 58.9898, 102.6947**, and if you desaturate by 10%, it is **89.2599, 92.6292, 107.7825**.

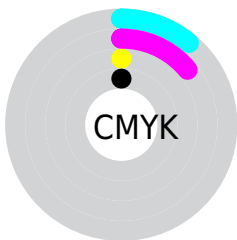
Distribution



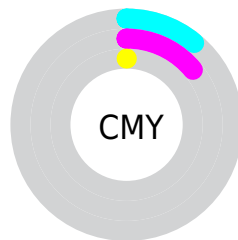
- Red (89%)
- Green (86%)
- Blue (100%)



- 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 75.0072, 74.5752, 105.0489 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 75.0072, 74.5752, 105.0489 by changing the saturation by 10% instead.

■ 75.0072, 74.5752,
105.0489

■ 75.0072, 74.5752,
105.0489

466.9391,
476.4562, 597.6458

■ 55.9130, 55.2649,
79.8834

125.3104,
125.7109, 170.1906

■ 40.3699, 39.6139,
59.0968

157.2501,
158.3051, 211.0038

■ 28.0126, 27.2376,
42.2706

194.2024,
196.0960, 257.8701

■ 18.4756, 17.7518,
28.9860

236.5325,
239.4681, 311.2080

■ 11.3937, 10.7719,
18.8248

284.6059,
288.8058, 371.4360

■ 6.4016, 5.9137,
11.3682

338.7879,

■ 3.1337, 2.7927,

344.4935, 438.9726

6.1978

399.4438,
406.9155, 514.2363

■ 1.2249, 1.0245,
2.8950

■ 0.1259, 0.0000,
1.0413

■ 75.0072, 74.5752,
105.0489

■ 75.0072, 74.5752,
105.0489

■ 62.5959, 58.9898,
102.6947

■ 89.2599, 92.6292,
107.7825

■ 51.9442, 45.7563,
100.7018

95.0500, 100.0000,
108.9000

■ 42.9732, 34.7625,
99.0526

■ 35.5955, 25.8831,
97.7276

■ 29.7155, 18.9803,
96.7051

■ 25.2271, 13.9000,
95.9611

■ 22.0098, 10.4645,
95.4676

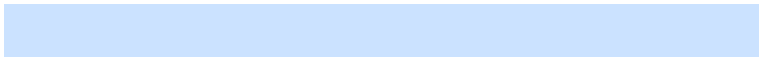
■ 19.9204, 8.4594,
95.1906

■ 19.0757, 7.7488,
95.0980

Harmonies

Analogous

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



70.5759, 74.5752, 108.4954



75.0072, 74.5752, 105.0489



78.4539, 74.5752, 95.0299

Triad

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



75.0072, 74.5752, 105.0489



75.5590, 74.5752, 61.9938



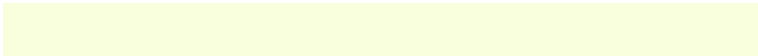
62.6003, 74.5752, 80.3263

Complementary

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



75.0072, 74.5752, 105.0489



87.7471, 96.8279, 81.7787

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.



63.8128, 74.5752, 68.7810



75.0072, 74.5752, 105.0489



71.1880, 74.5752, 58.9152

Square

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



75.0072, 74.5752, 105.0489



78.7818, 74.5752, 70.1491



66.9099, 74.5752, 61.2644



63.5278, 74.5752, 93.3539

Rectangle

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



75.0072, 74.5752, 105.0489



79.6633, 74.5752, 86.4627



66.9099, 74.5752, 61.2644



62.7700, 74.5752, 76.1547

Sweetspot

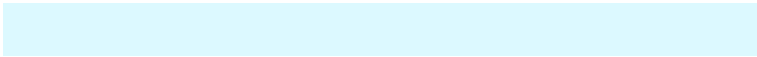
The Sweet Spot groups the original color and five complimentary colors.



75.0092, 74.5782, 105.0494



88.8404, 92.0959, 107.7016



81.4943, 90.2915, 107.7405



18.7729, 19.4040, 23.0059



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.



75.0092, 74.5782, 105.0494



72.0244, 70.8167, 104.4806



80.7225, 77.5235, 105.3167



17.2931, 17.5273, 22.7216



10.0515, 4.0922, 49.6947



1.0553, 0.4380, 4.8422

Inverse Universe

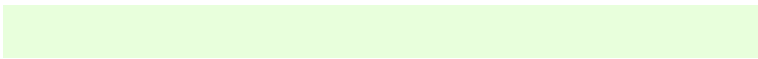
The Inverse Universe completely reimagines the original color for something new.



83.9340, 79.2889, 100.5057



82.2818, 76.2323, 99.1914



81.8507, 93.7882, 81.5028



18.6512, 18.2438, 22.0461



27.7615, 13.5939, 33.7243



2.7367, 1.3371, 3.4610

Previews

White Background



This preview shows how the XYZ color 75.0072, 74.5752, 105.0489 looks on a white background.

Color Contrast Check

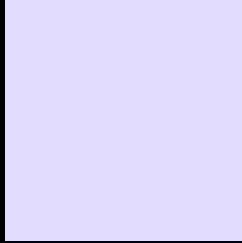
Large Text (above 18pt) WCAG AA × Fail

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 75.0072, 74.5752, 105.0489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

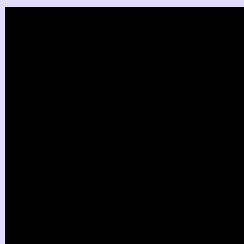
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0072, 74.5752, 105.0489

Background



This preview shows how black text looks on a background with the XYZ color 75.0072, 74.5752, 105.0489.

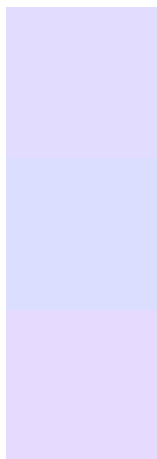


This preview shows how white text looks on a background with the XYZ color 75.0072, 74.5752,

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

75.0072, 74.5752, 105.0489

Protanopia

73.3847, 74.5226, 105.1243

Deuteranopia

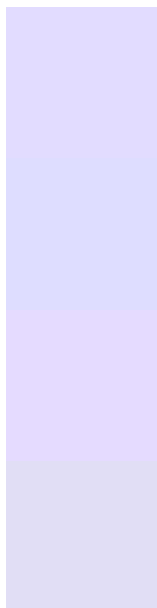
76.0764, 74.3517, 104.9494



Tritanopia

72.8563, 74.9139, 93.0580

Trichromacy



Original Color

75.0072, 74.5752, 105.0489

Protanomaly

74.0307, 74.4625, 105.0786

Deuteranomaly

75.6946, 74.5410, 105.0061

Tritanomaly

73.6540, 74.8427, 96.9503

Monochromacy



Original Color

75.0072, 74.5752, 105.0489

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3057, 75.5945, 90.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0072, 74.5752, 105.0489 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(226, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 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(226, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.0072, 74.5752, 105.0489 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(226, 220, 255) }
```


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

```
.border{ border-color:rgb(226, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0072, 74.5752, 105.0489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 255) }
```

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

```
.background{ background-color: rgb(226,  
220, 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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