

Converting Colors

XYZ(76.6645, 75.0656,
119.3901)

Have a look what the booklet for
XYZ(76.6645, 75.0656, 119.3901)
contains.

XYZ(74.0746, 74.0944, 105.0052)	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(74.0746, 74.0944,
105.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDCFF
RGB	223, 220, 255
RGB Percent	87%, 86%, 100%
CMY	0.1255, 0.1372, 0.0000
CMYK	0.13, 0.14, 0.00, 0.00
HSL	245°, 100%, 93%
HSV	245°, 14%, 100%
XYZ	74.0746, 74.0944, 105.0052
YIQ	224.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

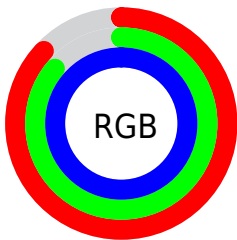
Format	Color
R _Y B	223, 220, 255
Decimal	14671103
CIE Lab	88.97, 7.69, -16.62
CIE LCh	89, 18.310, 294.818
Yxy	74.0944, 0.2926, 0.2927
Android (android.graphics.Color)	4292861183 (0xFFDFDCFF)
YUV	224.8870, 14.8457, -1.6549
Hunter-Lab	86.0781, 2.9717, -12.0722

Details

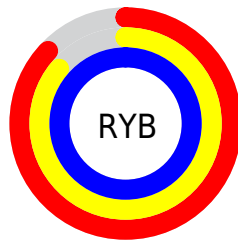
The XYZ color **74.0746, 74.0944, 105.0052** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.8249, 97.3836, 81.8290**, and the grayscale version is **71.3903, 75.1081, 81.7927**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7966, 39.3123, 58.9166** is the 20% darker color. If you saturate the color by 10%, you get **61.1900, 58.2650, 102.6289**, and if you desaturate by 10%, it is **88.9732, 92.4813, 107.7690**.

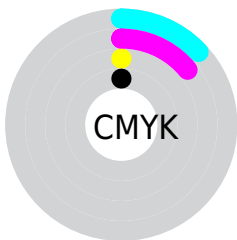
Distribution



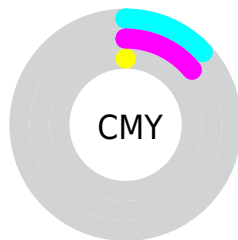
- Red (87%)
- Green (86%)
- Blue (100%)



- Red (87%)
- Yellow (86%)
- Blue (100%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0746, 74.0944, 105.0052 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 74.0746, 74.0944, 105.0052 by changing the saturation by 10% instead.

■ 74.0746, 74.0944,
105.0052

■ 74.0746, 74.0944,
105.0052

463.7771,
474.7991, 597.5066

■ 55.1466, 54.8713,
79.8470

123.9965,
125.0296, 170.1303

■ 39.7534, 39.2987,
59.0671

155.7211,
157.5105, 210.9343

■ 27.5297, 26.9922,
42.2467

192.4419,
195.1795, 257.7906

■ 18.1101, 17.5673,
28.9675

234.5243,
238.4209, 311.1178

■ 11.1292, 10.6398,
18.8109

282.3337,
287.6192, 371.3345

■ 6.2217, 5.8252,
11.3583

336.2354,

■ 3.0223, 2.7391,

343.1587, 438.8592

6.1912

396.5948,
405.4239, 514.1103

■ 1.1656, 0.9971,
2.8910

■ 0.0789, 0.0000,
1.0393

■ 74.0746, 74.0944,
105.0052

■ 74.0746, 74.0944,
105.0052

■ 61.1900, 58.2650,
102.6289

■ 88.9732, 92.4813,
107.7690

■ 50.2272, 44.8711,
100.6215

95.0500, 100.0000,
108.9000

■ 41.0955, 33.7945,
98.9648

■ 33.6948, 24.9032,
97.6386

■ 27.9151, 18.0522,
96.6209

■ 23.6340, 13.0787,
95.8865

■ 20.7113, 9.7951,
95.4068

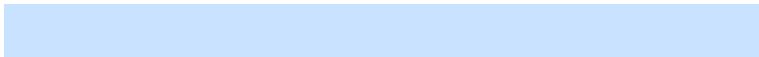
■ 18.9795, 7.9744,
95.1466

■ 18.3773, 7.3887,
95.0653

Harmonies

Analogous

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



69.6550, 74.0944, 107.6029



74.0746, 74.0944, 105.0052



77.6464, 74.0944, 95.6235

Triad

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



74.0746, 74.0944, 105.0052



75.4667, 74.0944, 62.2718



62.2479, 74.0944, 78.4846

Complementary

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



74.0746, 74.0944, 105.0052



88.8249, 97.3836, 81.8290

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.



63.6649, 74.0944, 67.3738



74.0746, 74.0944, 105.0052



71.1996, 74.0944, 58.6640

Square

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



74.0746, 74.0944, 105.0052



78.4736, 74.0944, 70.8285



66.8963, 74.0944, 60.4292



62.9456, 74.0944, 91.3969

Rectangle

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



74.0746, 74.0944, 105.0052



79.0027, 74.0944, 87.2605



66.8963, 74.0944, 60.4292



62.4909, 74.0944, 74.4317

Sweetspot

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



74.0766, 74.0974, 105.0057



88.5336, 91.9377, 107.6873



82.4035, 92.1099, 108.0436



18.6955, 19.3641, 23.0022



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.



74.0766, 74.0974, 105.0057



70.9693, 70.2728, 104.4313



79.7221, 77.0077, 105.2699



17.1472, 17.4521, 22.7148



9.6517, 3.8861, 49.6760



0.9867, 0.4026, 4.8390

Inverse Universe

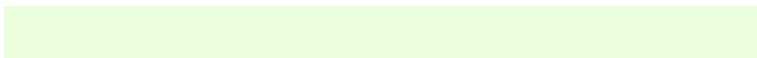
The Inverse Universe completely reimagines the original color for something new.



84.4057, 79.4776, 102.9900



82.8297, 76.4514, 102.0764



82.8035, 94.2794, 81.5472



18.7216, 18.2720, 22.4171



29.2740, 14.1989, 41.6888



2.8693, 1.3901, 4.1589

Previews

White Background



This preview shows how the XYZ color 74.0746, 74.0944, 105.0052 looks on a white background.

Color Contrast Check

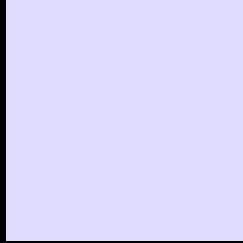
Large Text (above 18pt) WCAG AA × Fail

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 74.0746, 74.0944, 105.0052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

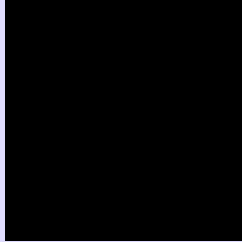
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0746, 74.0944, 105.0052

Background



This preview shows how black text looks on a background with the XYZ color 74.0746, 74.0944, 105.0052.



This preview shows how white text looks on a background with the XYZ color 74.0746, 74.0944,

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

74.0746, 74.0944, 105.0052

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

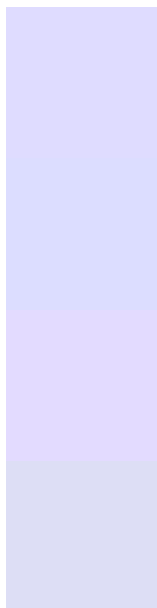
75.7545, 74.1858, 104.9343



Tritanopia

71.6311, 74.2823, 93.0006

Trichromacy



Original Color

74.0746, 74.0944, 105.0052

Protanomaly

73.4217, 74.1485, 105.0501

Deuteranomaly

75.0601, 74.2139, 104.9764

Tritanomaly

72.4215, 74.2073, 96.8926

Monochromacy



Original Color

74.0746, 74.0944, 105.0052

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2685, 74.6788, 89.9624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0746, 74.0944, 105.0052 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(223, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0746, 74.0944, 105.0052 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(223, 220, 255) }
```


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

```
.border{ border-color:rgb(223, 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(223, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0746, 74.0944, 105.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 255) }
```

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

```
.background{ background-color: rgb(223,  
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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