

Converting Colors

XYZ(90.2490, 80.0635,
187.5219)

Have a look what the booklet for
XYZ(90.2490, 80.0635, 187.5219)
contains.

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Color

**XYZ(74.7455, 74.0518,
104.9617)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBFF
RGB	226, 219, 255
RGB Percent	89%, 86%, 100%
CMY	0.1137, 0.1412, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	252°, 100%, 93%
HSV	252°, 14%, 100%
XYZ	74.7455, 74.0518, 104.9617
YIQ	225.1970, -7.3840, 12.6800

Conversions

Conversions Part 2

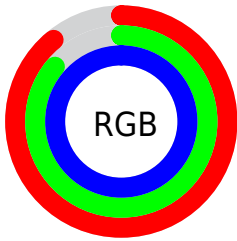
Format	Color
R _Y B	226, 219, 255
Decimal	14867455
CIE Lab	88.95, 9.16, -16.63
CIE LCh	89, 18.982, 298.844
Yxy	74.0518, 0.2946, 0.2918
Android (android.graphics.Color)	4293057535 (0xFFE2DBFF)
YUV	225.1970, 14.6929, 0.7042
Hunter-Lab	86.0534, 4.4508, -12.0803

Details

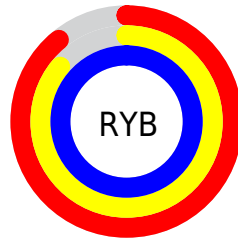
The XYZ color **74.7455, 74.0518, 104.9617** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.2594, 96.5918, 81.0664**, and the grayscale version is **71.6129, 75.3423, 82.0478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0461, 39.1742, 58.8768** is the 20% darker color. If you saturate the color by 10%, you get **62.5354, 58.6281, 102.6281**, and if you desaturate by 10%, it is **88.7505, 91.9174, 107.6719**.

Distribution



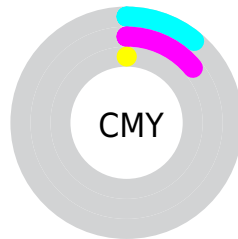
- Red (89%)
- Green (86%)
- Blue (100%)



- 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 74.7455, 74.0518, 104.9617 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 74.7455, 74.0518, 104.9617 by changing the saturation by 10% instead.

74.7455, 74.0518,
104.9617

74.7455, 74.0518,
104.9617

466.0530,
474.6521, 597.3679

55.6979, 54.8364,
79.8108

124.9419,
124.9692, 170.0703

40.1968, 39.2708,
59.0374

156.8213,
157.4401, 210.8650

27.8769, 26.9704,
42.2230

193.7088,
195.0982, 257.7114

18.3729, 17.5510,
28.9491

235.9695,
238.3281, 311.0281

11.3193, 10.6281,
18.7971

283.9690,
287.5140, 371.2335

6.3509, 5.8174,
11.3484

338.0725,

3.1023, 2.7344,

343.0404, 438.7463

6.1846

398.6454,
405.2916, 513.9849

■ 1.2081, 0.9947,
2.8870

■ 0.1127, 0.0000,
1.0372

■ 74.7455, 74.0518,
104.9617

■ 74.7455, 74.0518,
104.9617

■ 62.5354, 58.6281,
102.6281

■ 88.7505, 91.9174,
107.6719

■ 52.0408, 45.5310,
100.6532

95.0500, 100.0000,
108.9000

■ 43.1851, 34.6489,
99.0195

■ 35.8836, 25.8577,
97.7075

■ 30.0437, 19.0209,
96.6957

■ 25.5625, 13.9854,
95.9599

■ 22.3230, 10.5746,
95.4723

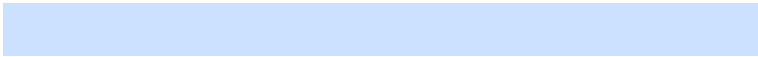
■ 20.1860, 8.5748,
95.1989

■ 19.3442, 7.8872,
95.1106

Harmonies

Analogous

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



70.2054, 74.0518, 108.7535



74.7455, 74.0518, 104.9617



78.2418, 74.0518, 94.4836

Triad

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



74.7455, 74.0518, 104.9617



75.0683, 74.0518, 60.8060



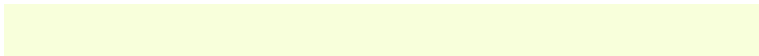
61.8920, 74.0518, 80.1189

Complementary

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



74.7455, 74.0518, 104.9617



87.2594, 96.5918, 81.0664

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.



63.0708, 74.0518, 68.2011



74.7455, 74.0518, 104.9617



70.5629, 74.0518, 57.8278

Square

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



74.7455, 74.0518, 104.9617



78.4338, 74.0518, 68.9974



66.1956, 74.0518, 60.3827



62.9048, 74.0518, 93.5013

Rectangle

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



74.7455, 74.0518, 104.9617



79.4396, 74.0518, 85.6398



66.1956, 74.0518, 60.3827



62.0442, 74.0518, 75.8191

Sweetspot

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



74.7475, 74.0548, 104.9621



88.9231, 92.1385, 107.7055



80.9558, 89.6625, 107.6475



18.7937, 19.4147, 23.0068



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.



74.7475, 74.0548, 104.9621



71.0444, 69.3597, 104.2511



80.5530, 77.0477, 105.2338



17.3325, 17.5477, 22.7235



10.2008, 4.1692, 49.7017



1.0755, 0.4483, 4.8431

Inverse Universe

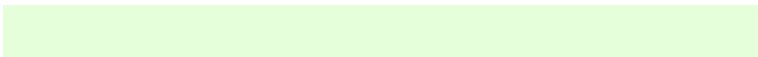
The Inverse Universe completely reimagines the original color for something new.



83.5167, 78.7033, 99.5990



81.4188, 74.8613, 97.8095



81.3097, 93.5246, 80.7880



18.6324, 18.2363, 21.9472



27.3877, 13.4444, 31.7558



2.7036, 1.3238, 3.2865

Previews

White Background



This preview shows how the XYZ color 74.7455, 74.0518, 104.9617 looks on a white background.

Color Contrast Check

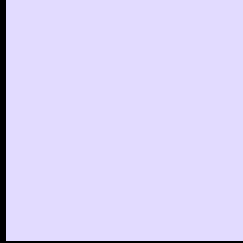
Large Text (above 18pt) WCAG AA × Fail

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 74.7455, 74.0518, 104.9617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

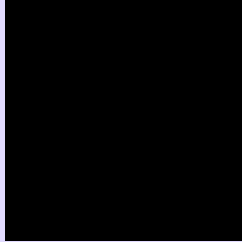
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7455, 74.0518, 104.9617

Background



This preview shows how black text looks on a background with the XYZ color 74.7455, 74.0518, 104.9617.



This preview shows how white text looks on a background with the XYZ color 74.7455, 74.0518,

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

74.7455, 74.0518, 104.9617

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

75.7545, 74.1858, 104.9343



Tritanopia

72.1327, 74.1625, 92.1744

Trichromacy



Original Color

74.7455, 74.0518, 104.9617

Protanomaly

73.7252, 74.3051, 105.0643

Deuteranomaly

75.4345, 74.0208, 104.9194

Tritanomaly

73.0784, 74.1528, 96.8475

Monochromacy



Original Color

74.7455, 74.0518, 104.9617

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5793, 74.8390, 89.9769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7455, 74.0518, 104.9617 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.7455, 74.0518, 104.9617 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, 219, 255) }
```


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

```
.border{ border-color:rgb(226, 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(226, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7455, 74.0518, 104.9617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 255) }
```

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

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