

Converting Colors

XYZ(75.5602, 73.8677,
111.5013)

Have a look what the booklet for
XYZ(75.5602, 73.8677, 111.5013)
contains.

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Color

**XYZ(74.4854, 73.5316,
104.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DAFF
RGB	226, 218, 255
RGB Percent	89%, 85%, 100%
CMY	0.1137, 0.1451, 0.0000
CMYK	0.11, 0.15, 0.00, 0.00
HSL	253°, 100%, 93%
HSV	253°, 15%, 100%
XYZ	74.4854, 73.5316, 104.8749
YIQ	224.6100, -7.1090, 13.2030

Conversions

Conversions Part 2

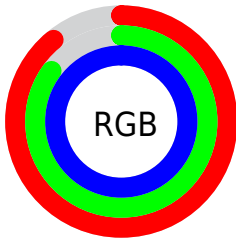
Format	Color
R _Y B	226, 218, 255
Decimal	14867199
CIE Lab	88.70, 9.68, -17.00
CIE LCh	89, 19.561, 299.670
Yxy	73.5316, 0.2945, 0.2908
Android (android.graphics.Color)	4293057279 (0xFFE2DAFF)
YUV	224.6100, 14.9823, 1.2190
Hunter-Lab	85.7506, 4.9867, -12.4876

Details

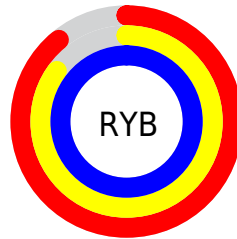
The XYZ color **74.4854, 73.5316, 104.8749** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.7745, 96.3570, 80.3585**, and the grayscale version is **71.1895, 74.8969, 81.5628**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8678, 38.8177, 58.8174** is the 20% darker color. If you saturate the color by 10%, you get **62.4683, 58.2654, 102.5616**, and if you desaturate by 10%, it is **88.2545, 91.2150, 107.5625**.

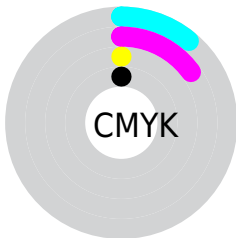
Distribution



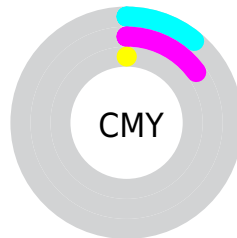
- Red (89%)
- Green (85%)
- Blue (100%)



- Red (89%)
- Yellow (85%)
- Blue (100%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4854, 73.5316, 104.8749 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 74.4854, 73.5316, 104.8749 by changing the saturation by 10% instead.

74.4854, 73.5316,
104.8749

74.4854, 73.5316,
104.8749

465.1714,
472.8552, 597.0912

55.4841, 54.4108,
79.7385

124.5755,
124.2316, 169.9505

40.0248, 38.9301,
58.9783

156.3949,
156.5795, 210.7268

27.7422, 26.7054,
42.1757

193.2179,
194.1053, 257.5535

18.2709, 17.3521,
28.9123

235.4096,
237.1933, 310.8490

11.2455, 10.4858,
18.7695

283.3354,
286.2278, 371.0320

6.3007, 5.7223,
11.3287

337.3608,

3.0712, 2.6769,

341.5934, 438.5210

6.1714

397.8510,
403.6744, 513.7346

■ 1.1915, 0.9655,
2.8791

■ 0.0997, 0.0000,
1.0333

■ 74.4854, 73.5316,
104.8749

■ 74.4854, 73.5316,
104.8749

■ 62.4683, 58.2654,
102.5616

■ 88.2545, 91.2150,
107.5625

■ 52.1257, 45.3017,
100.6045

95.0500, 100.0000,
108.9000

■ 43.3835, 34.5302,
98.9862

■ 36.1590, 25.8276,
97.6872

■ 30.3623, 19.0582,
96.6861

■ 25.8933, 14.0699,
95.9588

■ 22.6380, 10.6870,
95.4774

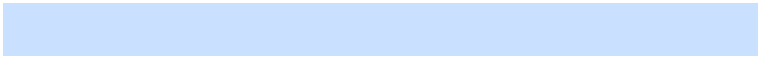
■ 20.4605, 8.6959,
95.2078

■ 19.6322, 8.0356,
95.1240

Harmonies

Analogous

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



69.8372, 73.5316, 109.0129



74.4854, 73.5316, 104.8749



78.0309, 73.5316, 93.9394

Triad

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



74.4854, 73.5316, 104.8749



74.5801, 73.5316, 59.6339



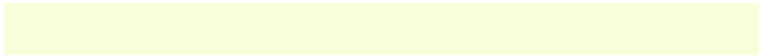
61.1898, 73.5316, 79.9135

Complementary

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



74.4854, 73.5316, 104.8749



86.7745, 96.3570, 80.3585

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.



62.3352, 73.5316, 67.6259



74.4854, 73.5316, 104.8749



69.9420, 73.5316, 56.7546

Square

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



74.4854, 73.5316, 104.8749



78.0873, 73.5316, 67.8585



65.4868, 73.5316, 59.5106



62.2866, 73.5316, 93.6505

Rectangle

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



74.4854, 73.5316, 104.8749



79.2171, 73.5316, 84.8221



65.4868, 73.5316, 59.5106



61.3246, 73.5316, 75.4862

Sweetspot

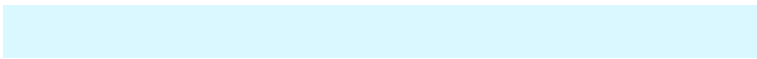
The Sweet Spot groups the original color and five complimentary colors.



74.4874, 73.5346, 104.8754



89.0014, 92.1789, 107.7092



80.4099, 89.0160, 107.5515



18.8135, 19.4249, 23.0078



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.



74.4874, 73.5346, 104.8754



71.3311, 69.5075, 104.2645



80.3968, 76.5810, 105.1520



17.3700, 17.5670, 22.7252



10.3596, 4.2511, 49.7091



1.0960, 0.4589, 4.8441

Inverse Universe

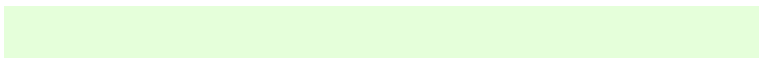
The Inverse Universe completely reimagines the original color for something new.



83.1018, 78.1211, 98.6972



81.2738, 74.8032, 97.0458



80.7618, 93.2573, 80.0771



18.6147, 18.2292, 21.8539



27.0465, 13.3079, 29.9591



2.6732, 1.3117, 3.1265

Previews

White Background



This preview shows how the XYZ color 74.4854, 73.5316, 104.8749 looks on a white background.

Color Contrast Check

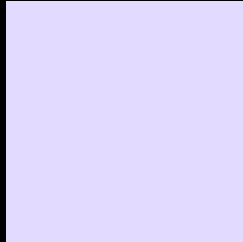
Large Text (above 18pt) WCAG AA × Fail

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 74.4854, 73.5316, 104.8749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

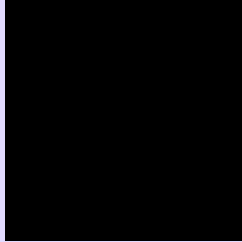
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4854, 73.5316, 104.8749

Background



This preview shows how black text looks on a background with the XYZ color 74.4854, 73.5316, 104.8749.

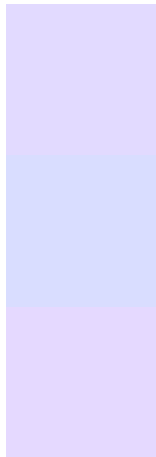


This preview shows how white text looks on a background with the XYZ color 74.4854, 73.5316,

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

74.4854, 73.5316, 104.8749

Protanopia

72.5217, 73.6846, 105.0080

Deuteranopia

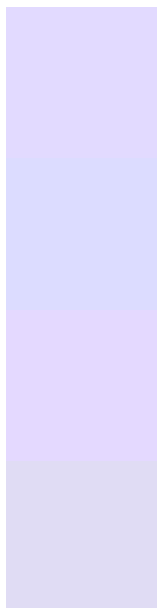
75.1760, 73.5037, 104.8332



Tritanopia

71.7205, 73.5739, 91.3100

Trichromacy



Original Color

74.4854, 73.5316, 104.8749

Protanomaly

73.1584, 73.6220, 104.9624

Deuteranomaly

74.8578, 73.3397, 104.8183

Tritanomaly

72.6628, 73.5653, 95.9577

Monochromacy



Original Color

74.4854, 73.5316, 104.8749

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3129, 74.3062, 89.8881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4854, 73.5316, 104.8749 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 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, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.4854, 73.5316, 104.8749 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, 218, 255) }
```


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

```
.border{ border-color:rgb(226, 218, 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, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4854, 73.5316, 104.8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 255) }
```

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

```
.background{ background-color: rgb(226,  
218, 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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