

# Converting Colors

XYZ(74.4097, 74.4136, 98.4383)

Have a look what the booklet for  
XYZ(74.4097, 74.4136, 98.4383)  
contains.

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# **Color**

**XYZ(74.3766, 74.3958,  
98.4354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4DCF7
RGB	228, 220, 247
RGB Percent	89%, 86%, 97%
CMY	0.1059, 0.1372, 0.0314
CMYK	0.08, 0.11, 0.00, 0.03
HSL	258°, 63%, 92%
HSV	258°, 11%, 97%
XYZ	74.3766, 74.3958, 98.4354
YIQ	225.4700, -3.8990, 10.0930

# Conversions

## Conversions Part 2

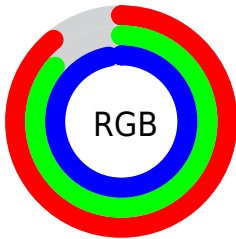
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 220, 247
Decimal	14998775
CIE Lab	89.11, 7.70, -12.16
CIE LCh	89, 14.395, 302.325
Yxy	74.3958, 0.3009, 0.3009
Android (android.graphics.Color)	4293188855 (0xFFE4DCF7)
YUV	225.4700, 10.6143, 2.2188
Hunter-Lab	86.2530, 2.9791, -7.2870

# Details

The XYZ color **74.3766, 74.3958, 98.4354** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7783, 90.0415, 80.7834**, and the grayscale version is **71.8361, 75.5772, 82.3035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0927, 39.5561, 54.8122** is the 20% darker color. If you saturate the color by 10%, you get **63.1270, 59.6752, 96.1881**, and if you desaturate by 10%, it is **87.1429, 91.3241, 101.0312**.

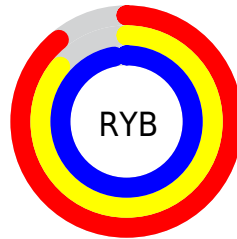
# Distribution



Red (89%)

Green (86%)

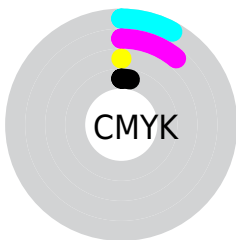
Blue (97%)



Red (89%)

Yellow (86%)

Blue (97%)

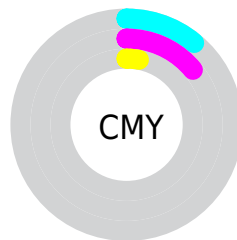


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (14%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3766, 74.3958, 98.4354 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 74.3766, 74.3958, 98.4354 by changing the saturation by 10% instead.



74.3766, 74.3958,  
98.4354

74.3766, 74.3958,  
98.4354

464.8024,  
475.8383, 576.3685

55.3947, 55.1180,  
74.3849

124.4222,  
125.4567, 161.0385

39.9529, 39.4962,  
54.6105

156.2165,  
158.0087, 200.4282

27.6859, 27.1460,  
38.6934

193.0124,  
195.7542, 245.7680

18.2282, 17.6829,  
26.2153

235.1752,  
239.0776, 297.4765

11.2147, 10.7226,  
16.7576

283.0703,  
288.3633, 355.9723

6.2798, 5.8806,  
9.9017

337.0629,

3.0582, 2.7726,

343.9957, 421.6739

5.2291

397.5185,  
406.3593, 494.9997

■ 1.1846, 1.0142,  
2.3212

■ 0.0942, 0.0000,  
0.7431

■ 74.3766, 74.3958,  
98.4354

■ 74.3766, 74.3958,  
98.4354

■ 63.1270, 59.6752,  
96.1881

■ 87.1429, 91.3241,  
101.0312

■ 53.3293, 47.0606,  
94.2696

■ 93.7887, 99.4955,  
102.2581

■ 44.9238, 36.4567,  
92.6659

■ 37.8437, 27.7567,  
91.3598

■ 32.0166, 20.8437,  
90.3326

■ 27.3624, 15.5878,  
89.5634

■ 23.7910, 11.8405,  
89.0283

■ 21.1968, 9.4254,  
88.6989

■ 19.5489, 8.1384,  
88.5373

# Harmonies

## Analogous

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



70.9847, 74.3958, 101.8628



74.3766, 74.3958, 98.4354



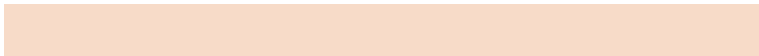
76.8495, 74.3958, 90.3046

# Triad

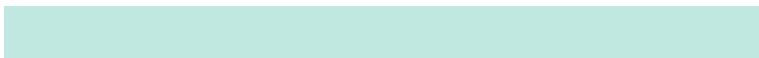
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3766, 74.3958, 98.4354



73.8879, 74.3958, 65.0840



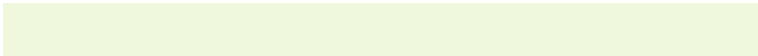
64.1880, 74.3958, 81.7900

# Complementary

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



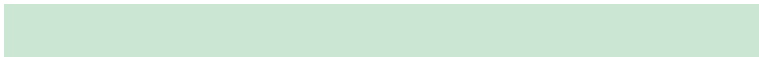
74.3766, 74.3958, 98.4354



81.7783, 90.0415, 80.7834

# Split Complementary

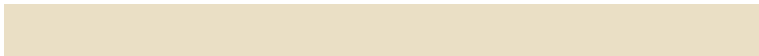
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9084, 74.3958, 72.3656



74.3766, 74.3958, 98.4354



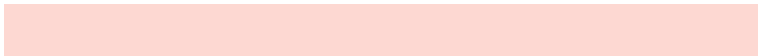
70.4379, 74.3958, 63.2075

# Square

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



74.3766, 74.3958, 98.4354



76.5608, 74.3958, 71.1149



67.1678, 74.3958, 65.7631



65.1670, 74.3958, 91.7707



# Rectangle

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



74.3766, 74.3958, 98.4354



77.6032, 74.3958, 83.6099



67.1678, 74.3958, 65.7631



64.2394, 74.3958, 78.4536

# Sweetspot

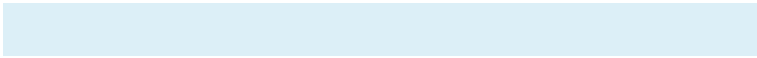
The Sweet Spot groups the original color and five complimentary colors.



74.3788, 74.3989, 98.4370



90.7048, 94.2089, 108.0112



77.2753, 83.8715, 100.1128



19.1715, 19.8413, 23.0693



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.



74.3788, 74.3989, 98.4370



77.3030, 76.4835, 105.2962



78.7109, 76.6322, 98.6398



16.0425, 16.1645, 20.8171



10.4621, 4.3677, 46.8297



1.0183, 0.4348, 4.1205



# Inverse Universe

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



79.5335, 77.1958, 92.3734



83.8305, 80.0265, 97.5590



77.4985, 87.8352, 80.5831



16.9922, 16.6797, 19.7057



24.3836, 12.0969, 22.5259

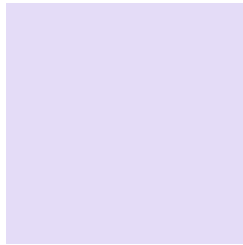


2.1880, 1.0812, 2.2166



# Previews

## White Background



This preview shows how the XYZ color 74.3766, 74.3958, 98.4354 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

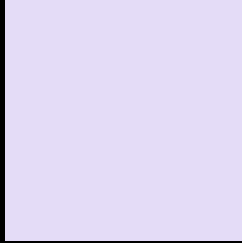
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3766, 74.3958, 98.4354 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

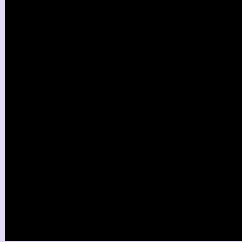
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.3766, 74.3958, 98.4354**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.3766, 74.3958, 98.4354.



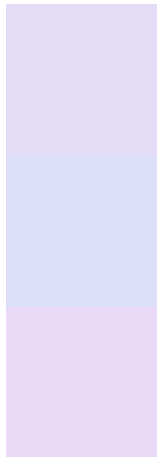
This preview shows how white text looks on a background with the XYZ color 74.3766, 74.3958,

98.4354.

# 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

74.3766, 74.3958, 98.4354

### Protanopia

72.8833, 74.3920, 99.3247

### Deuteranopia

76.1209, 74.5204, 98.3676



## **Tritanopia**

73.1150, 74.2758, 92.1444

# Trichromacy



## Original Color

74.3766, 74.3958, 98.4354

## Protanomaly

73.5402, 74.3375, 99.2795

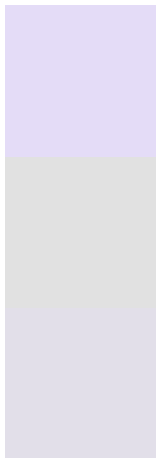
## Deuteranomaly

75.3987, 74.5342, 98.4083

## Tritanomaly

73.5620, 74.4546, 94.4984

# Monochromacy



## Original Color

74.3766, 74.3958, 98.4354

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.4597, 74.8273, 87.7149

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3766, 74.3958, 98.4354 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(228, 220, 247)` looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 247)  
}
```

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(228, 220, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3766, 74.3958, 98.4354 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(228, 220, 247) }
```



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

```
.border{ border-color:rgb(228, 220, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 220, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 220, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 220, 247);  
box-shadow:4px 4px 4px 4px rgb(228, 220,  
247) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3766, 74.3958, 98.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 220, 247) }
```

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

```
.background{ background-color: rgb(228,  
220, 247) }
```

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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