

# Converting Colors

XYZ(74.0003, 73.9808, 92.7310)

Have a look what the booklet for  
XYZ(74.0003, 73.9808, 92.7310)  
contains.

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# Color

**XYZ(74.0147, 73.9432,  
92.8096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DBF0
RGB	231, 219, 240
RGB Percent	91%, 86%, 94%
CMY	0.0941, 0.1412, 0.0588
CMYK	0.04, 0.09, 0.00, 0.06
HSL	274°, 41%, 90%
HSV	274°, 9%, 94%
XYZ	74.0147, 73.9432, 92.8096
YIQ	224.9820, 0.4110, 9.0750

# Conversions

## Conversions Part 2

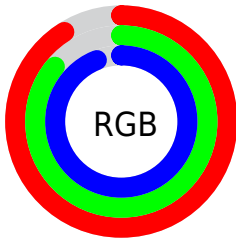
Format	Color
<b>R<sub>YB</sub></b>	231, 219, 240
Decimal	15195120
CIE Lab	88.90, 7.87, -8.78
CIE LCh	89, 11.787, 311.883
Yxy	73.9432, 0.3074, 0.3071
Android (android.graphics.Color)	4293385200 (0xFFE7DBF0)
YUV	224.9820, 7.4039, 5.2778
Hunter-Lab	85.9902, 3.1581, -3.7988

# Details

The XYZ color **74.0147, 73.9432, 92.8096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9439, 83.9306, 79.2190**, and the grayscale version is **71.5052, 75.2291, 81.9245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6064, 39.1256, 50.8119** is the 20% darker color. If you saturate the color by 10%, you get **64.9766, 60.6512, 90.7215**, and if you desaturate by 10%, it is **84.1550, 89.1475, 95.2110**.

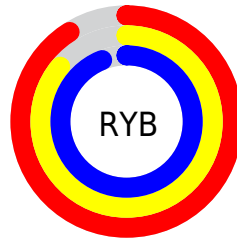
# Distribution



Red (91%)

Green (86%)

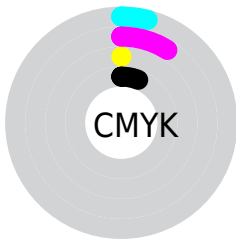
Blue (94%)



Red (91%)

Yellow (86%)

Blue (94%)

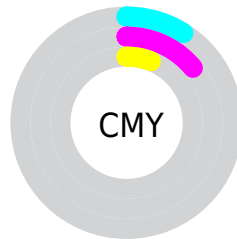


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (14%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0147, 73.9432, 92.8096 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 74.0147, 73.9432, 92.8096 by changing the saturation by 10% instead.



74.0147, 73.9432,  
92.8096

74.0147, 73.9432,  
92.8096

463.5736,  
474.2773, 557.9328

55.0974, 54.7476,  
69.7265

123.9120,  
124.8153, 153.2044

39.7139, 39.1996,  
50.8282

155.6228,  
157.2605, 191.3532

27.4987, 26.9151,  
35.6961

192.3287,  
194.8911, 235.3609

18.0867, 17.5094,  
23.9117

234.3952,  
238.0913, 285.6461

11.1123, 10.5984,  
15.0566

282.1875,  
287.2457, 342.6274

6.2103, 5.7975,  
8.7120

336.0712,

3.0152, 2.7223,

342.7385, 406.7232

4.4596

396.4114,  
404.9543, 478.3522

■ 1.1618, 0.9885,  
1.8807

■ 0.0759, 0.0000,  
0.4804

■ 74.0147, 73.9432,  
92.8096

■ 74.0147, 73.9432,  
92.8096

■ 64.9766, 60.6512,  
90.7215

■ 84.1550, 89.1475,  
95.2110

■ 56.9924, 49.1835,  
88.9288

■ 91.4800, 98.4278,  
96.6162

■ 50.0197, 39.4589,  
87.4193

■ 92.7284, 99.0714,  
96.6746

■ 44.0104, 31.3866,  
86.1779

■ 38.9120, 24.8671,  
85.1882

■ 34.6667, 19.7899,  
84.4319

■ 31.2087, 16.0294,  
83.8883

■ 28.4608, 13.4371,  
83.5328

■ 26.3113, 11.7954,  
83.3292

# Harmonies

## Analogous

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



71.4187, 73.9432, 96.9197



74.0147, 73.9432, 92.8096



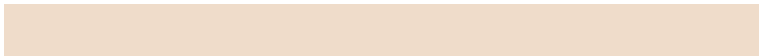
75.6355, 73.9432, 85.5066

# Triad

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



74.0147, 73.9432, 92.8096



72.0039, 73.9432, 66.4575



65.0380, 73.9432, 83.7968

# Complementary

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



74.0147, 73.9432, 92.8096



75.9439, 83.9306, 79.2190

# Split Complementary

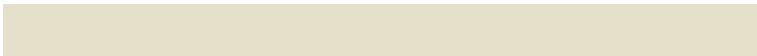
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.1850, 73.9432, 75.7150



74.0147, 73.9432, 92.8096



69.1550, 73.9432, 66.0684

# Square

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



74.0147, 73.9432, 92.8096



74.4531, 73.9432, 70.4526



66.6746, 73.9432, 69.3510



66.2674, 73.9432, 91.4852

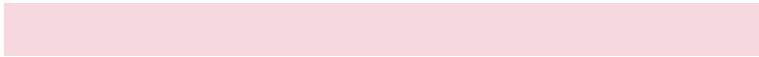


# Rectangle

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



74.0147, 73.9432, 92.8096



75.9189, 73.9432, 79.9954



66.6746, 73.9432, 69.3510



64.9290, 73.9432, 81.0300

# Sweetspot

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



74.0169, 73.9464, 92.8112



91.4618, 94.5992, 108.0467



72.7153, 76.8961, 93.4492



19.3756, 19.9465, 23.0788



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.



74.0169, 73.9464, 92.8112



83.5403, 82.7813, 106.1831



76.7898, 75.3998, 91.8596



15.7619, 15.6745, 19.9163



14.4241, 6.4413, 45.6109



1.3136, 0.5944, 3.7997



# Inverse Universe

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



75.2729, 74.7930, 83.8716



85.1900, 83.8926, 94.4764



73.3475, 82.5707, 80.0636



16.0540, 15.8713, 17.8408



21.0718, 10.7011, 8.2944

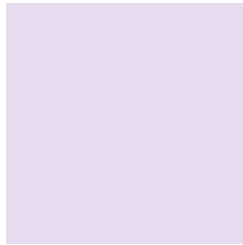


1.8018, 0.9098, 0.9473



# Previews

## White Background



This preview shows how the XYZ color 74.0147, 73.9432, 92.8096 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

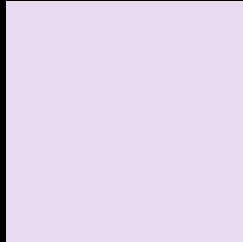
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0147, 73.9432, 92.8096 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

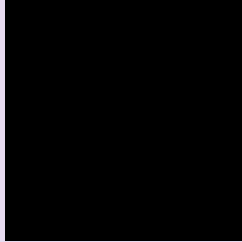
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

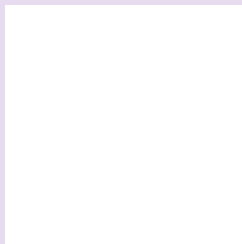
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.0147, 73.9432, 92.8096**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.0147, 73.9432, 92.8096.



This preview shows how white text looks on a background with the XYZ color 74.0147, 73.9432,



# 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

74.0147, 73.9432, 92.8096

### Protanopia

72.2725, 74.1830, 94.5140

### Deuteranopia

75.4661, 73.9215, 92.7289



## Tritanopia

73.8343, 74.2897, 90.5686

# Trichromacy



## Original Color

74.0147, 73.9432, 92.8096

## Protanomaly

72.7850, 74.0713, 93.6801

## Deuteranomaly

75.0605, 74.0962, 92.7840

## Tritanomaly

73.9808, 74.3484, 91.3404

# Monochromacy



## Original Color

74.0147, 73.9432, 92.8096

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.3492, 74.8194, 85.4913

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0147, 73.9432, 92.8096 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(231, 219, 240) looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 240)  
}
```

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(231, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 240) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0147, 73.9432, 92.8096 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(231, 219, 240) }
```



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

```
.border{ border-color:rgb(231, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
240) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0147, 73.9432, 92.8096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 240) }
```

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

```
.background{ background-color: rgb(231,  
219, 240) }
```

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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