

# Converting Colors

XYZ(74.8332, 74.0114, 93.4642)

Have a look what the booklet for  
XYZ(74.8332, 74.0114, 93.4642)  
contains.

<b>XYZ(74.8803, 73.9861, 93.5532)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(74.8803, 73.9861,  
93.5532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EADAF1
RGB	234, 218, 241
RGB Percent	92%, 85%, 95%
CMY	0.0823, 0.1451, 0.0549
CMYK	0.03, 0.10, 0.00, 0.05
HSL	282°, 45%, 90%
HSV	282°, 10%, 95%
XYZ	74.8803, 73.9861, 93.5532
YIQ	225.4060, 2.1530, 10.5450

# Conversions

## Conversions Part 2

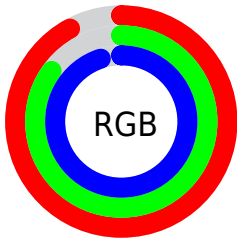
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 218, 241
Decimal	15391473
CIE <sub>Lab</sub>	88.92, 9.57, -9.25
CIE <sub>LCh</sub>	89, 13.305, 315.982
Yxy	73.9861, 0.3089, 0.3052
Android (android.graphics.Color)	4293581553 (0xFFEADAF1)
YUV	225.4060, 7.6878, 7.5369
Hunter-Lab	86.0152, 4.8662, -4.2753

# Details

The XYZ color **74.8803, 73.9861, 93.5532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1642, 83.9820, 78.5819**, and the grayscale version is **71.8073, 75.5469, 82.2705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2142, 39.1621, 51.3385** is the 20% darker color. If you saturate the color by 10%, you get **66.7215, 61.1690, 91.5104**, and if you desaturate by 10%, it is **84.0519, 88.6782, 95.9068**.

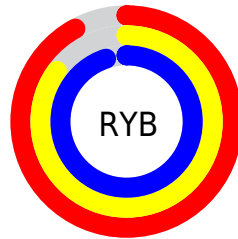
# Distribution



Red (92%)

Green (85%)

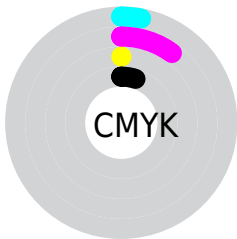
Blue (95%)



Red (92%)

Yellow (85%)

Blue (95%)

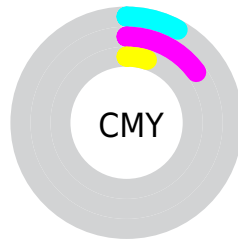


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (8%)

Magenta (15%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8803, 73.9861, 93.5532 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 74.8803, 73.9861, 93.5532 by changing the saturation by 10% instead.



74.8803, 73.9861,  
93.5532

74.8803, 73.9861,  
93.5532

466.5096,  
474.4254, 560.3883

55.8087, 54.7827,  
70.3412

125.1317,  
124.8761, 154.2426

40.2859, 39.2277,  
51.3262

157.0422,  
157.3315, 192.5571

27.9468, 26.9369,  
36.0897

193.9630,  
194.9729, 236.7427

18.4258, 17.5259,  
24.2133

236.2596,  
238.1848, 287.2182

11.3576, 10.6101,  
15.2782

284.2971,  
287.3517, 344.4019

6.3770, 5.8053,  
8.8661

338.4411,

3.1185, 2.7271,

342.8578, 408.7125

4.5583

399.0568,  
405.0876, 480.5685

■ 1.2167, 0.9910,  
1.9364

■ 0.1195, 0.0000,  
0.5157

■ 74.8803, 73.9861,  
93.5532

■ 74.8803, 73.9861,  
93.5532

■ 66.7215, 61.1690,  
91.5104

■ 84.0519, 88.6782,  
95.9068

■ 59.5286, 50.1388,  
89.7604

■ 90.5879, 97.9507,  
97.3521

■ 53.2608, 40.8142,  
88.2910

■ 92.8774, 99.1310,  
97.4592

■ 47.8715, 33.1039,  
87.0868

■ 43.3097, 26.9080,  
86.1313

■ 39.5188, 22.1150,  
85.4059

■ 36.4344, 18.5978,  
84.8896

■ 33.9798, 16.2057,  
84.5573

■ 32.0338, 14.6977,  
84.3688

# Harmonies

## Analogous

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



72.0444, 73.9861, 98.8848



74.8803, 73.9861, 93.5532



76.5173, 73.9861, 84.9415

# Triad

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



74.8803, 73.9861, 93.5532



71.8359, 73.9861, 64.5127



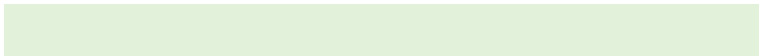
64.5216, 73.9861, 85.5525

# Complementary

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



74.8803, 73.9861, 93.5532



75.1642, 83.9820, 78.5819

# 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.



64.4696, 73.9861, 76.3285



74.8803, 73.9861, 93.5532



68.6264, 73.9861, 64.6487

# Square

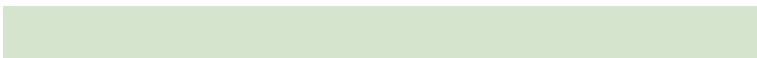
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8803, 73.9861, 93.5532



74.7236, 73.9861, 68.4391



65.9517, 73.9861, 68.8261



66.0959, 73.9861, 94.0299



# Rectangle

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



74.8803, 73.9861, 93.5532



76.6773, 73.9861, 78.7199



65.9517, 73.9861, 68.8261



64.3272, 73.9861, 82.4250

# Sweetspot

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



74.8825, 73.9893, 93.5548



91.8064, 94.7768, 108.0628



71.7954, 75.2632, 93.9634



19.4687, 19.9945, 23.0832



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.



74.8825, 73.9893, 93.5548



83.6738, 81.8073, 105.9881



76.6036, 74.9485, 90.3856



15.9587, 15.7760, 19.9256



17.4692, 8.0111, 45.7534



1.5539, 0.7183, 3.8110



# Inverse Universe

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



74.9402, 74.2831, 81.6260



83.7614, 82.1972, 90.4183



73.5853, 83.1035, 81.4251



15.9709, 15.8381, 17.4027



20.3825, 10.4254, 4.6646

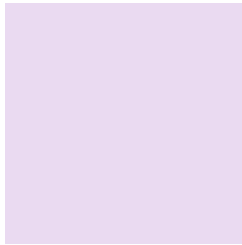


1.7383, 0.8843, 0.6125



# Previews

## White Background



This preview shows how the XYZ color 74.8803, 73.9861, 93.5532 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

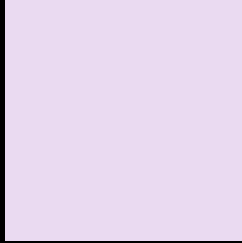
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.8803, 73.9861, 93.5532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

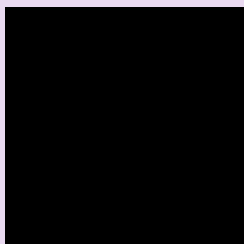
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

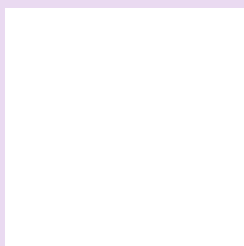
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.8803, 73.9861, 93.5532**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.8803, 73.9861, 93.5532.



This preview shows how white text looks on a background with the XYZ color 74.8803, 73.9861,



# 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

74.8803, 73.9861, 93.5532

### Protanopia

72.1177, 74.0858, 95.2930

### Deuteranopia

75.6151, 73.9811, 93.5135



## Tritanopia

74.0761, 74.0428, 89.7443

# Trichromacy



## Original Color

74.8803, 73.9861, 93.5532

## Protanomaly

73.2475, 74.2925, 94.4837

## Deuteranomaly

75.2821, 73.8094, 93.4979

## Tritanomaly

74.3684, 74.1597, 91.2835

# Monochromacy



## Original Color

74.8803, 73.9861, 93.5532

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.5400, 74.5061, 86.1591

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.8803, 73.9861, 93.5532 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(234, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(234, 218, 241)  
}
```

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(234, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 218, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 74.8803, 73.9861, 93.5532 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(234, 218, 241) }
```



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

```
.border{ border-color:rgb(234, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(234, 218,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.8803, 73.9861, 93.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 218, 241) }
```

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

```
.background{ background-color: rgb(234,  
218, 241) }
```

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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